

Fig. 1

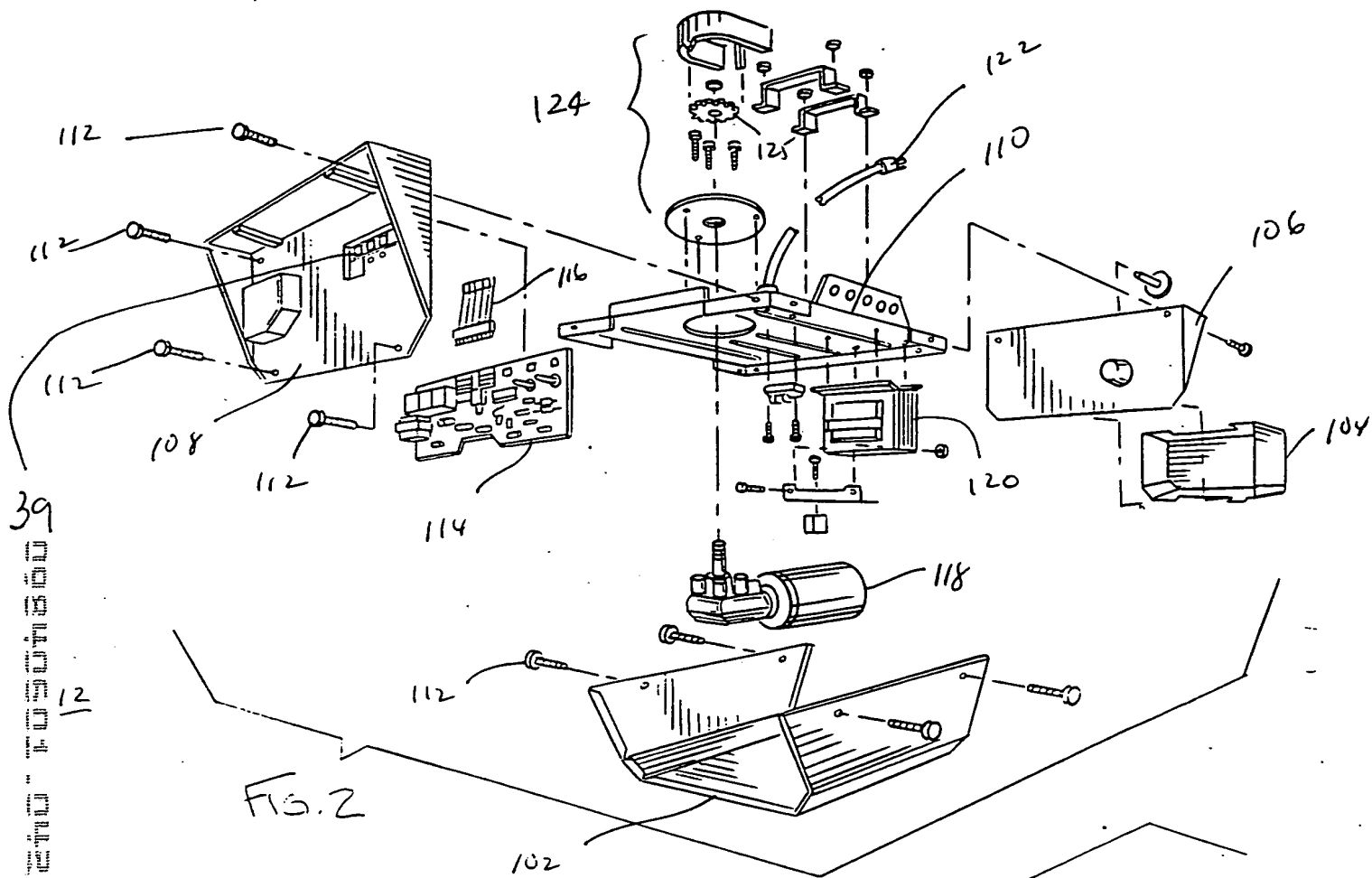
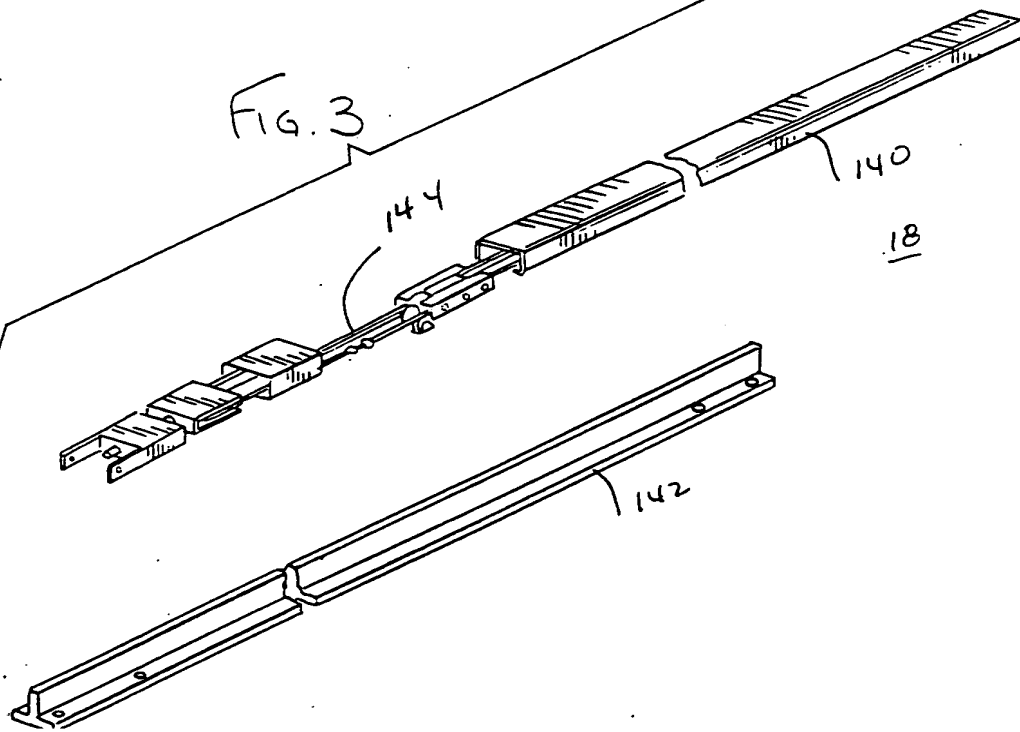
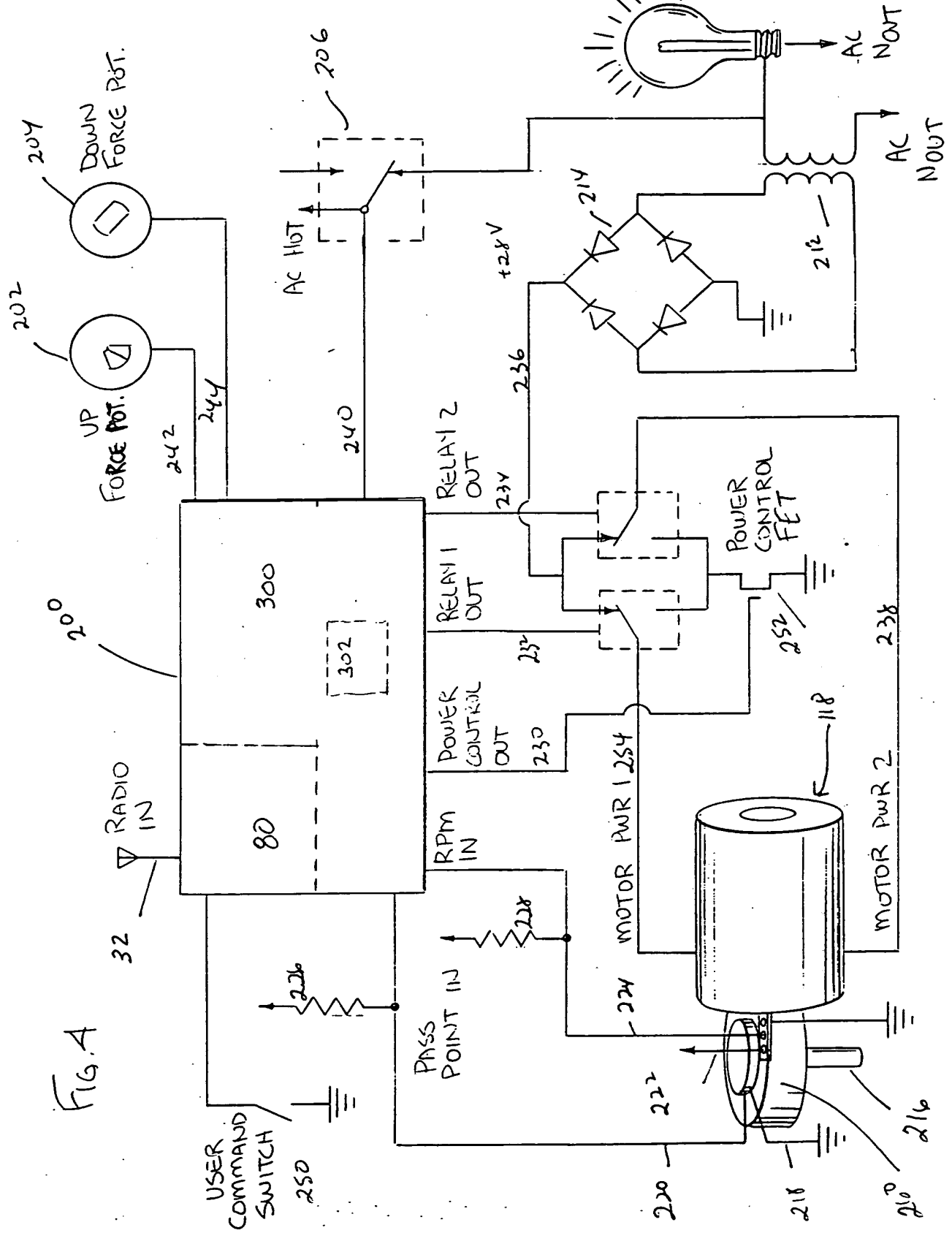
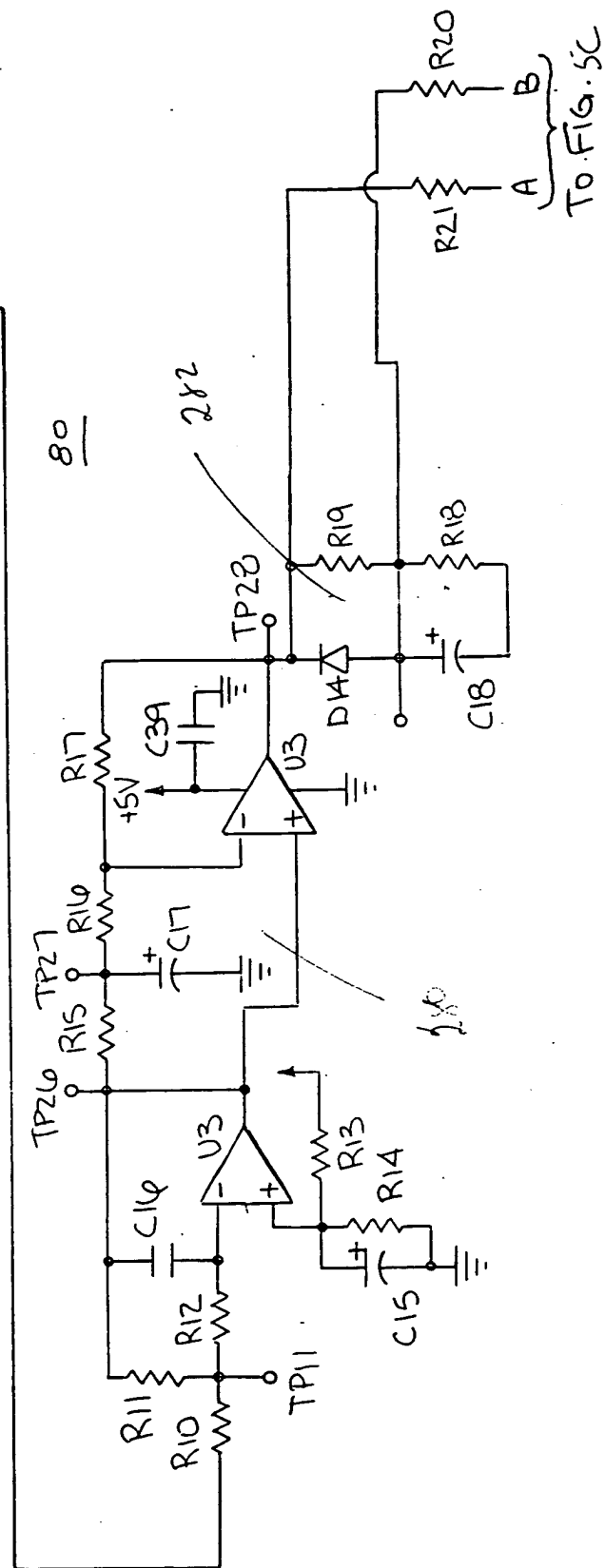
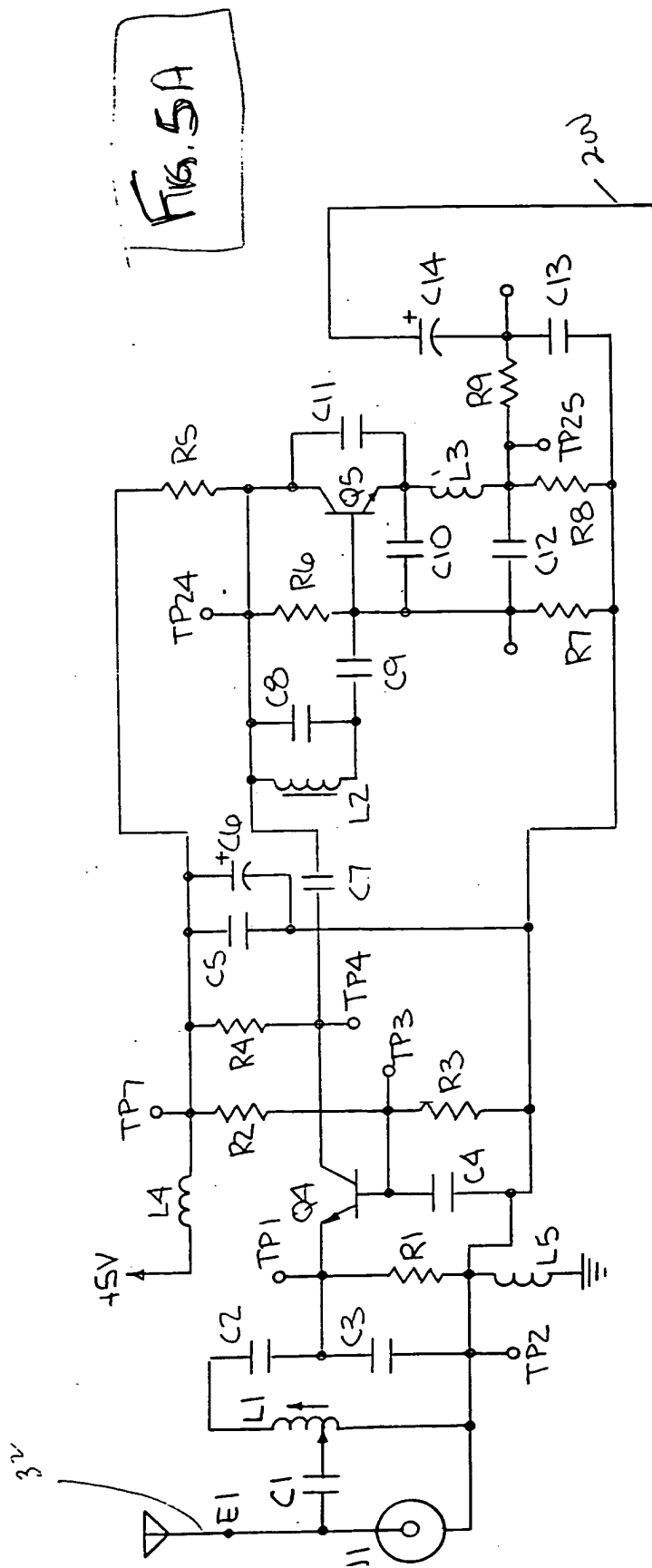


FIG. 2

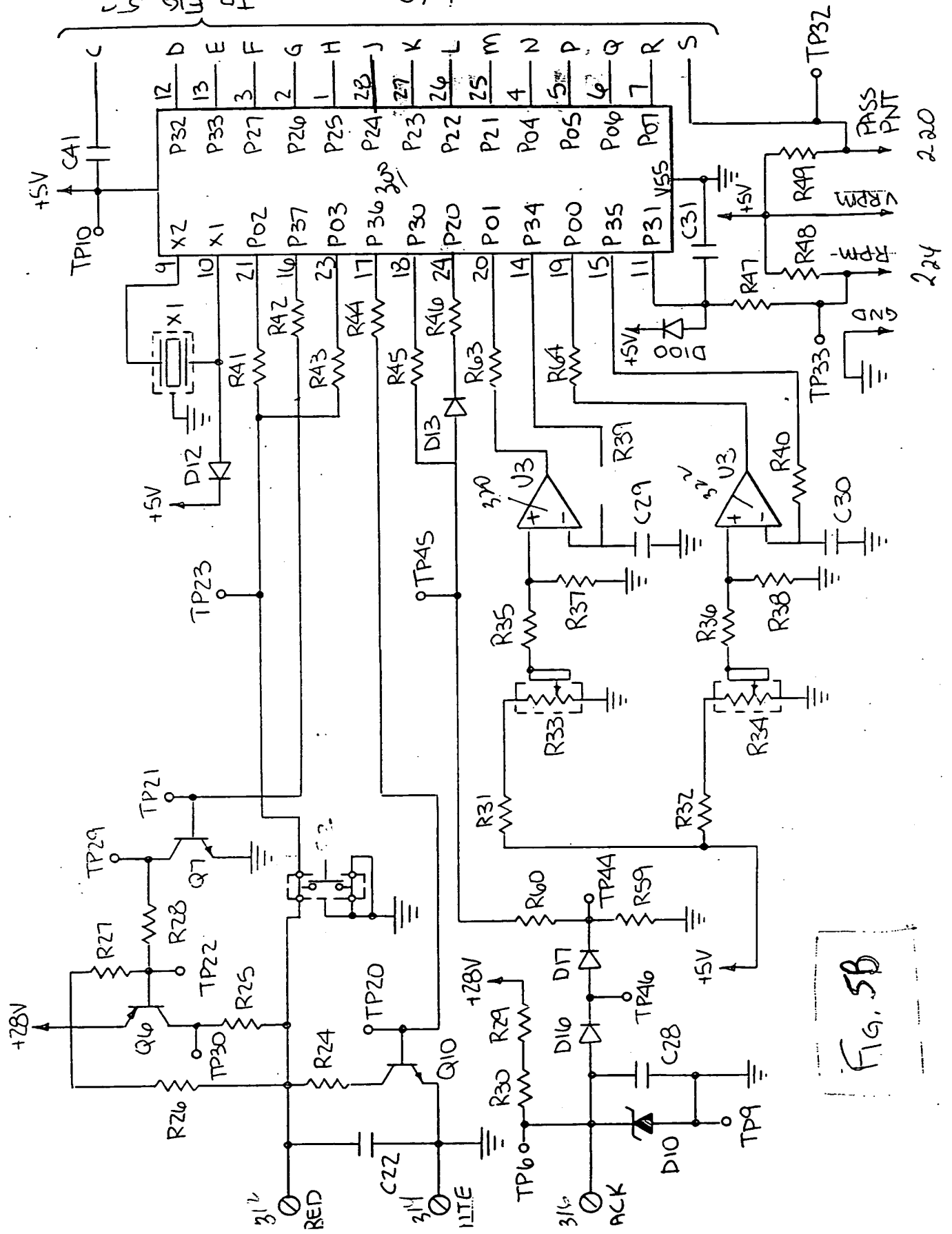
FIG. 3

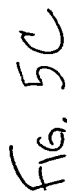






To Fig. 5C





Q



7

$$\frac{\square}{7/7}$$

FIG. 6A

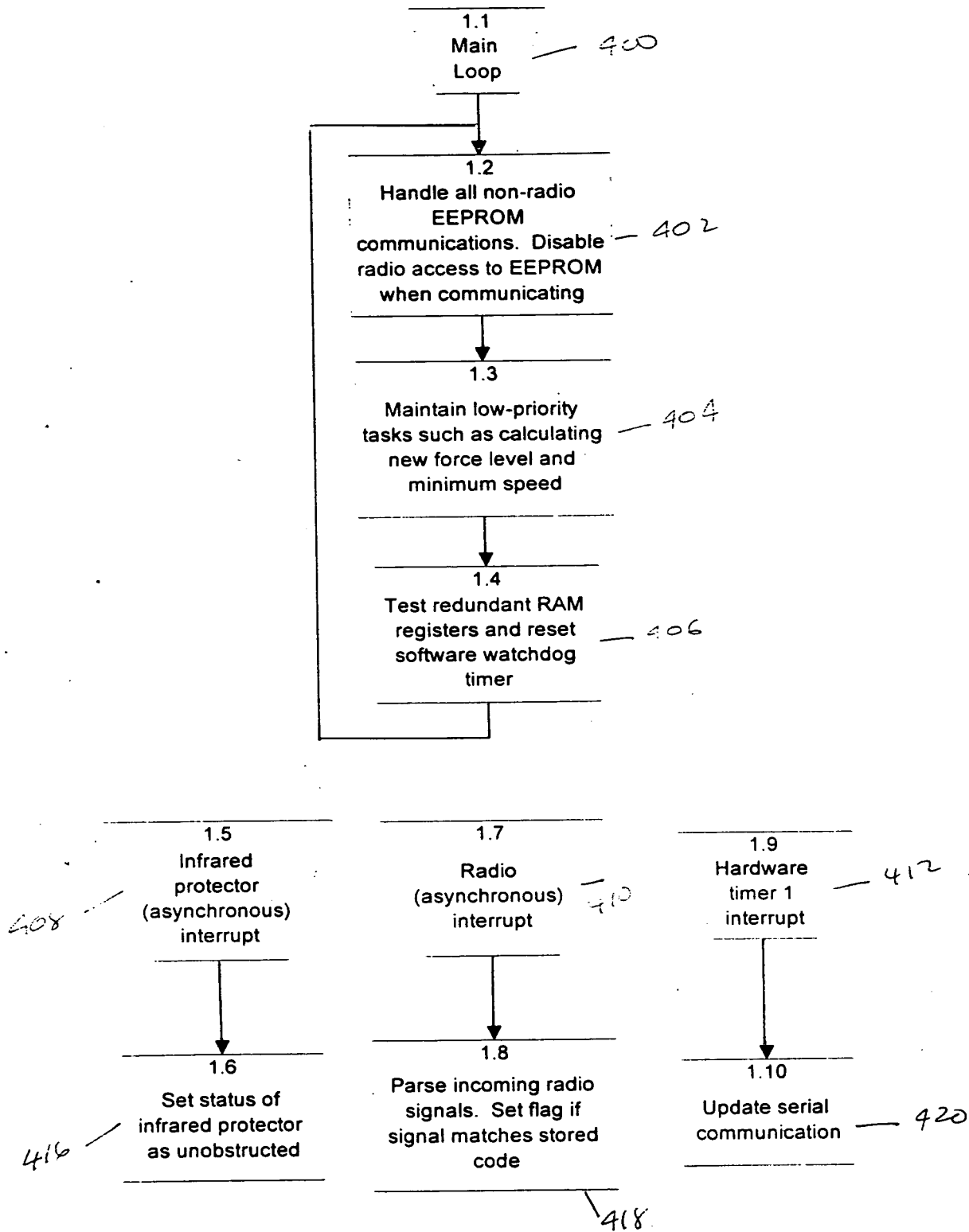


Fig. 6A

FIG. 6B

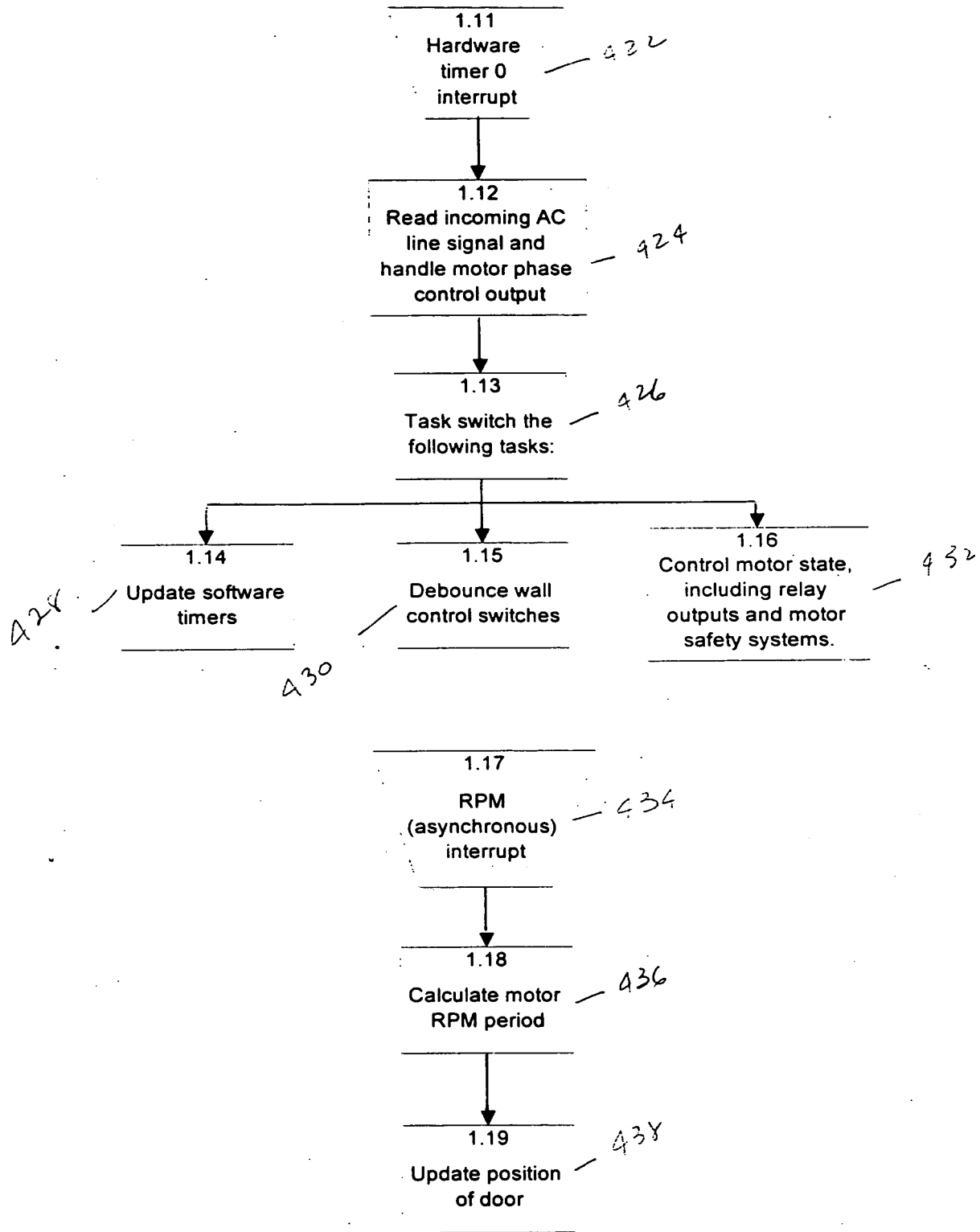


Fig. 6B

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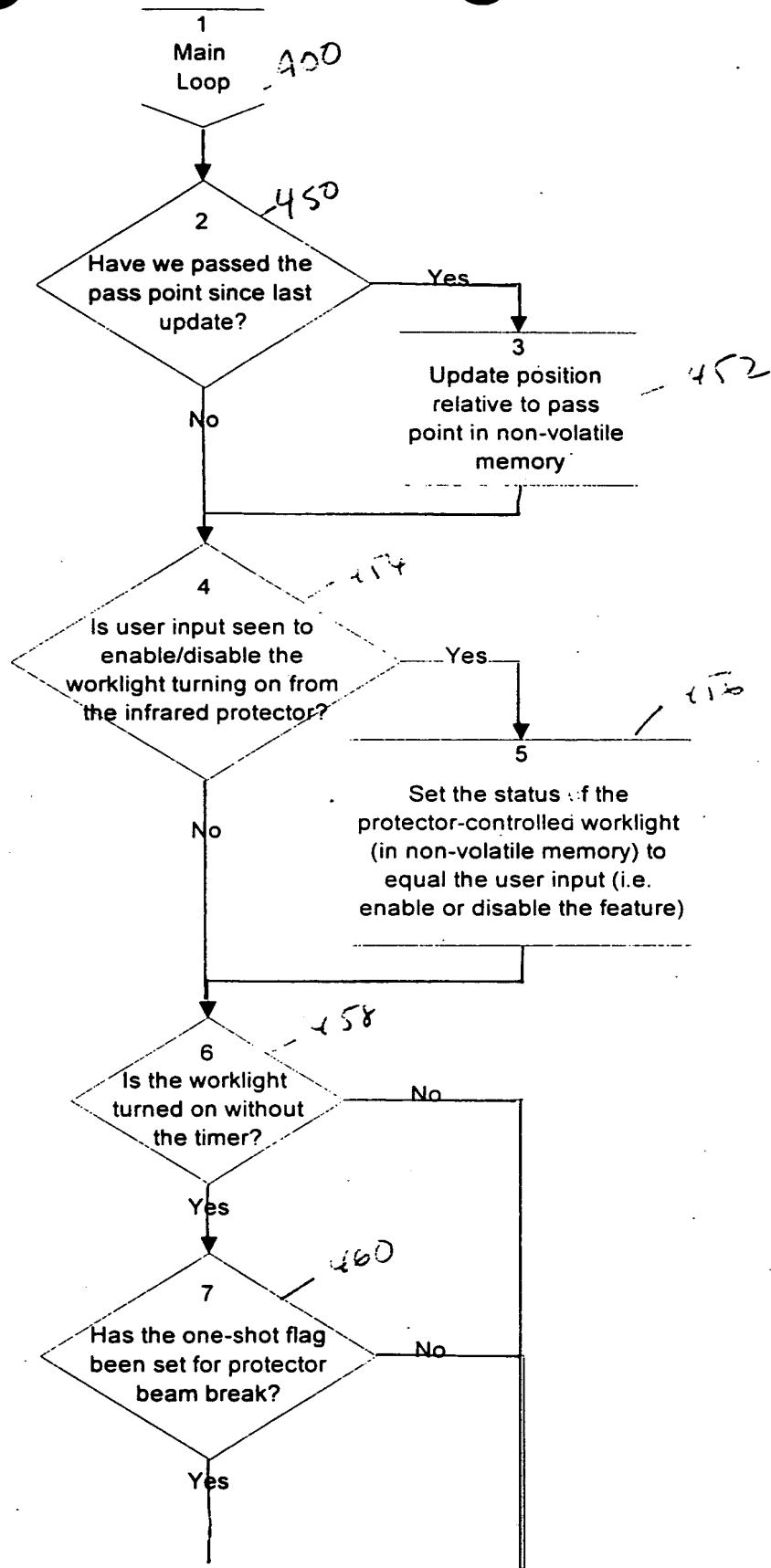
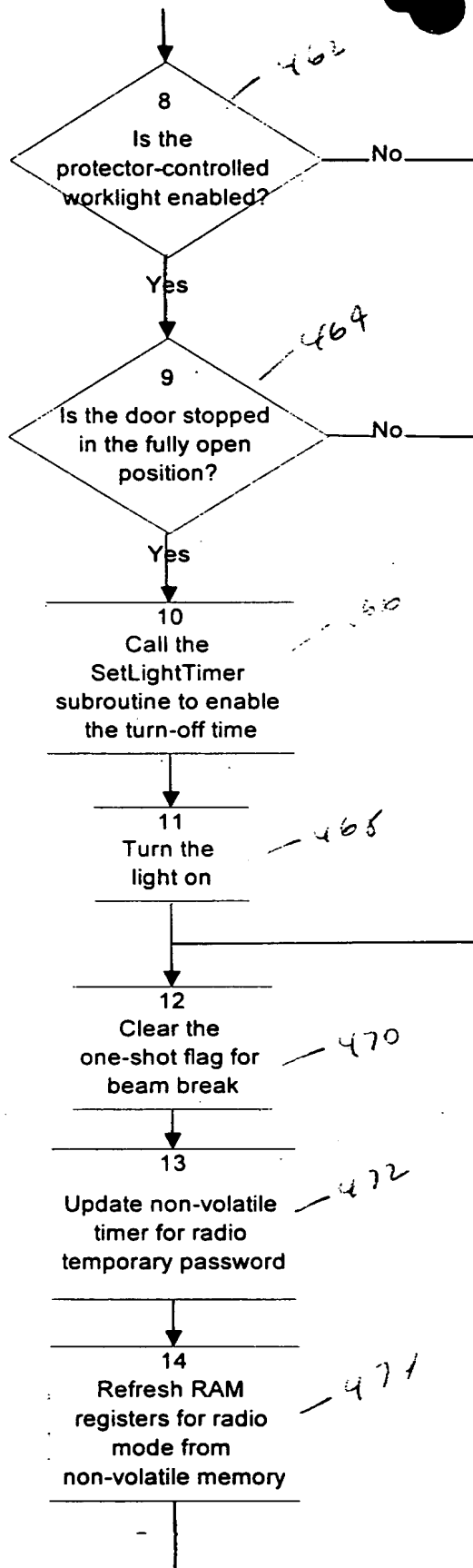


Fig. 7A

Fig. 7B



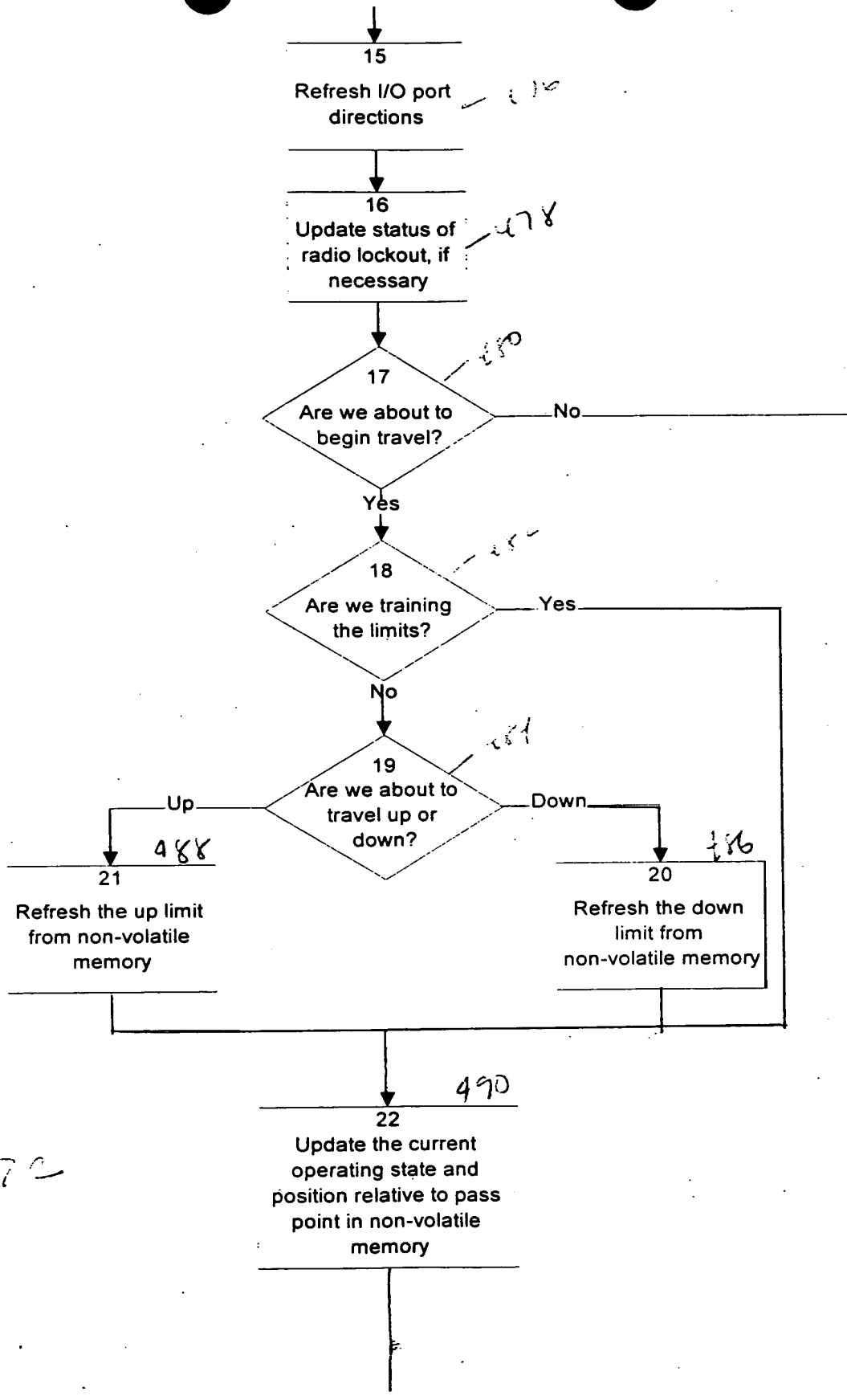


Fig. 72

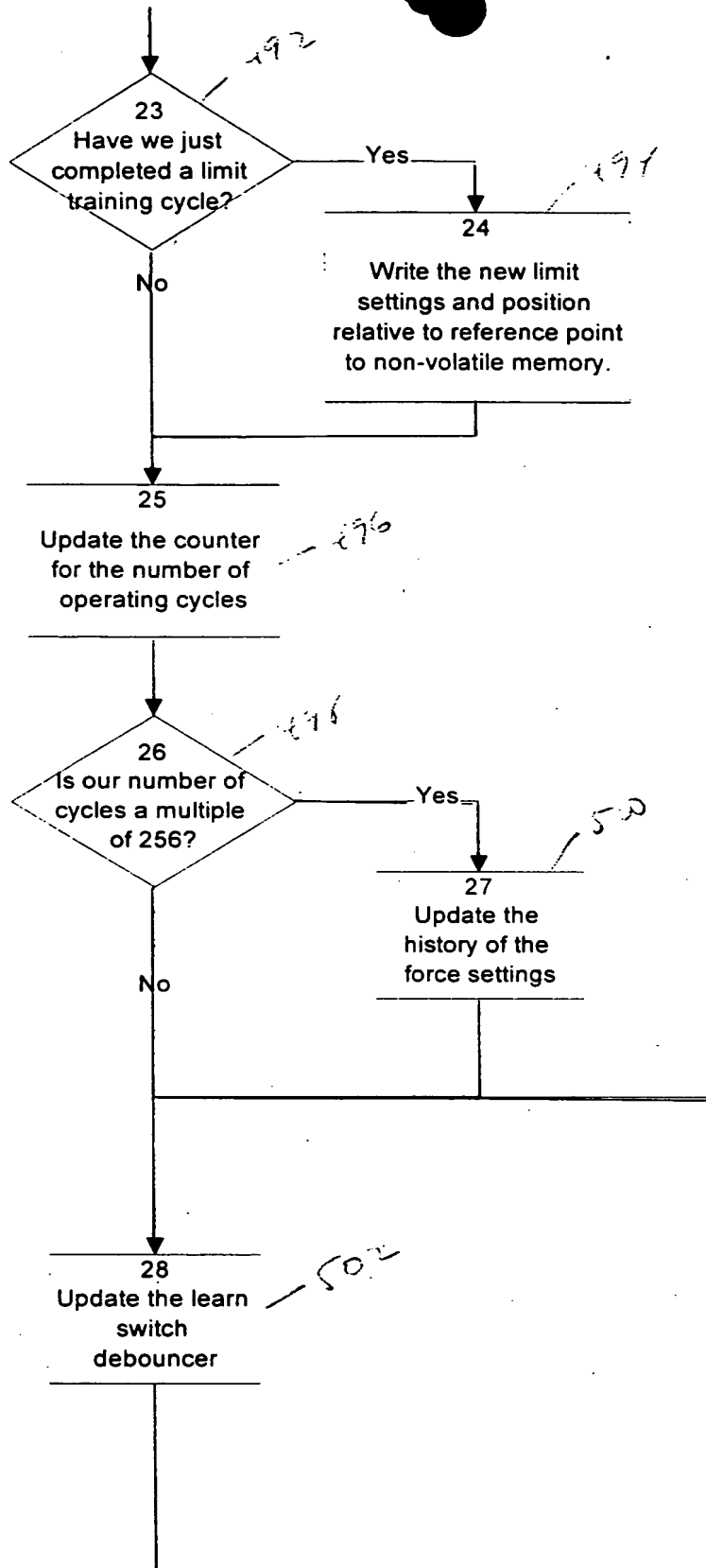


Fig. 7D

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DEPARTMENT
OF
JUSTICE
WASHINGTON, D. C. 20535

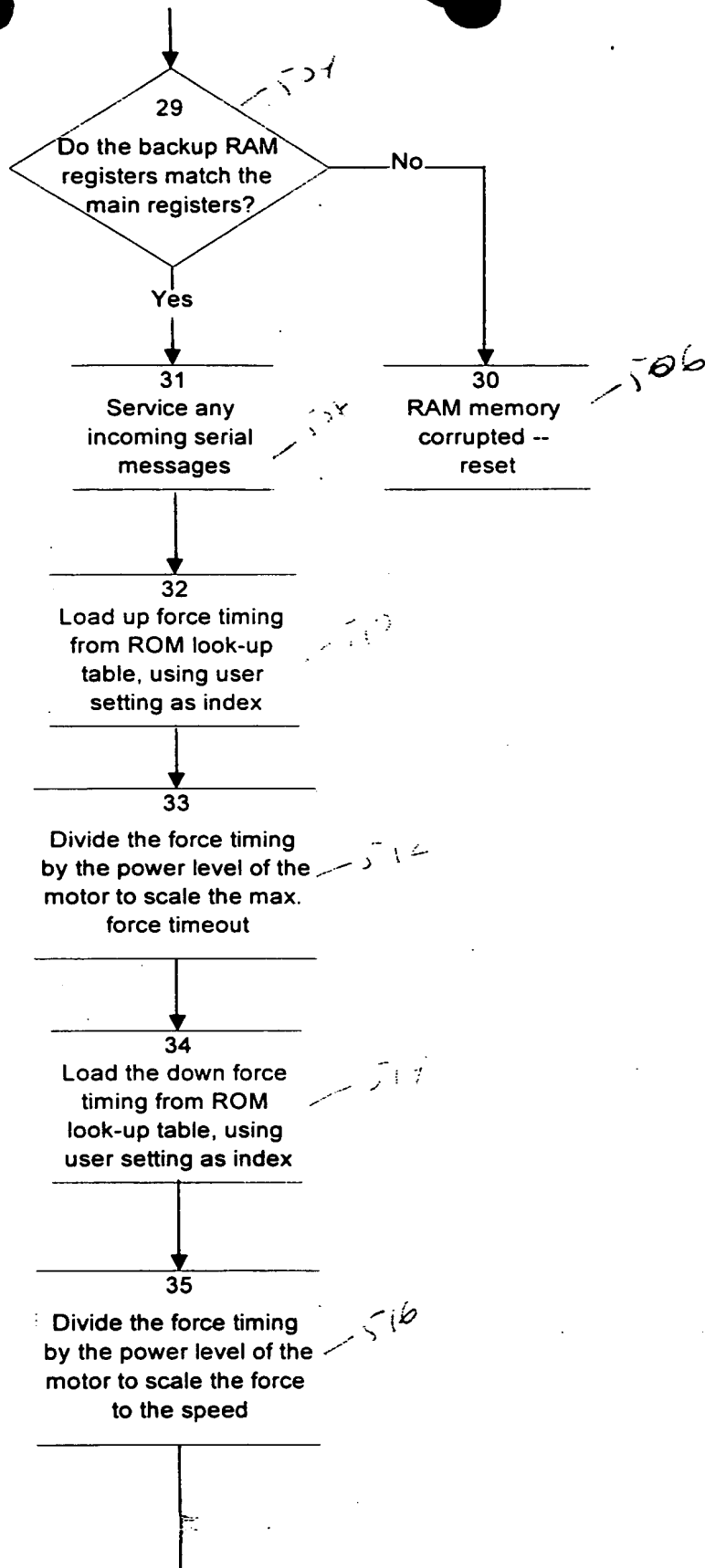


Fig. 7E

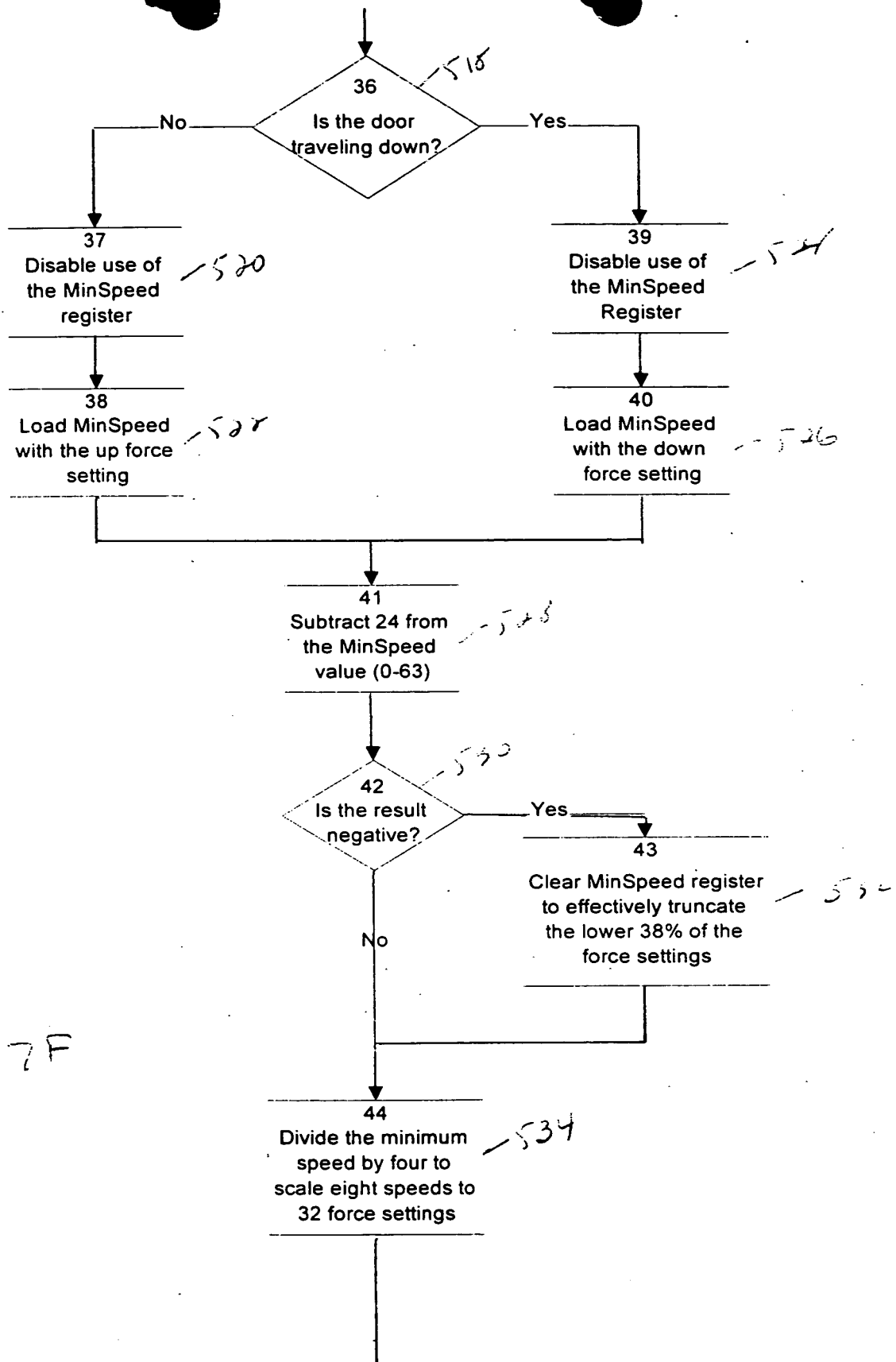


Fig 7F

FIG. 7G

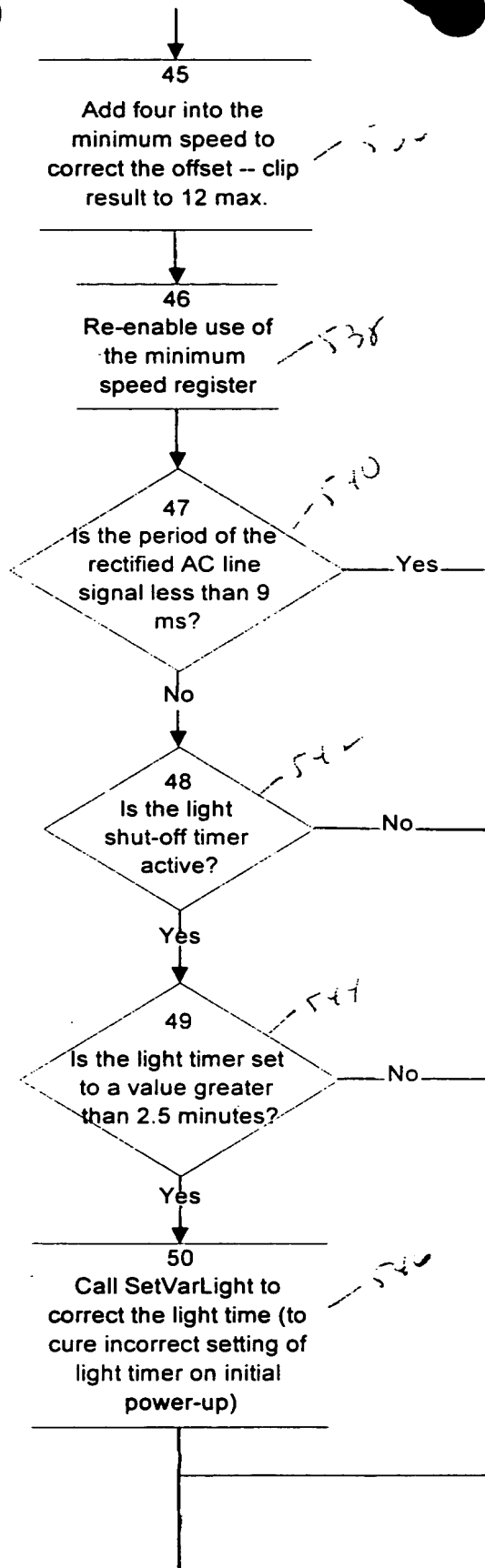


Fig 7G

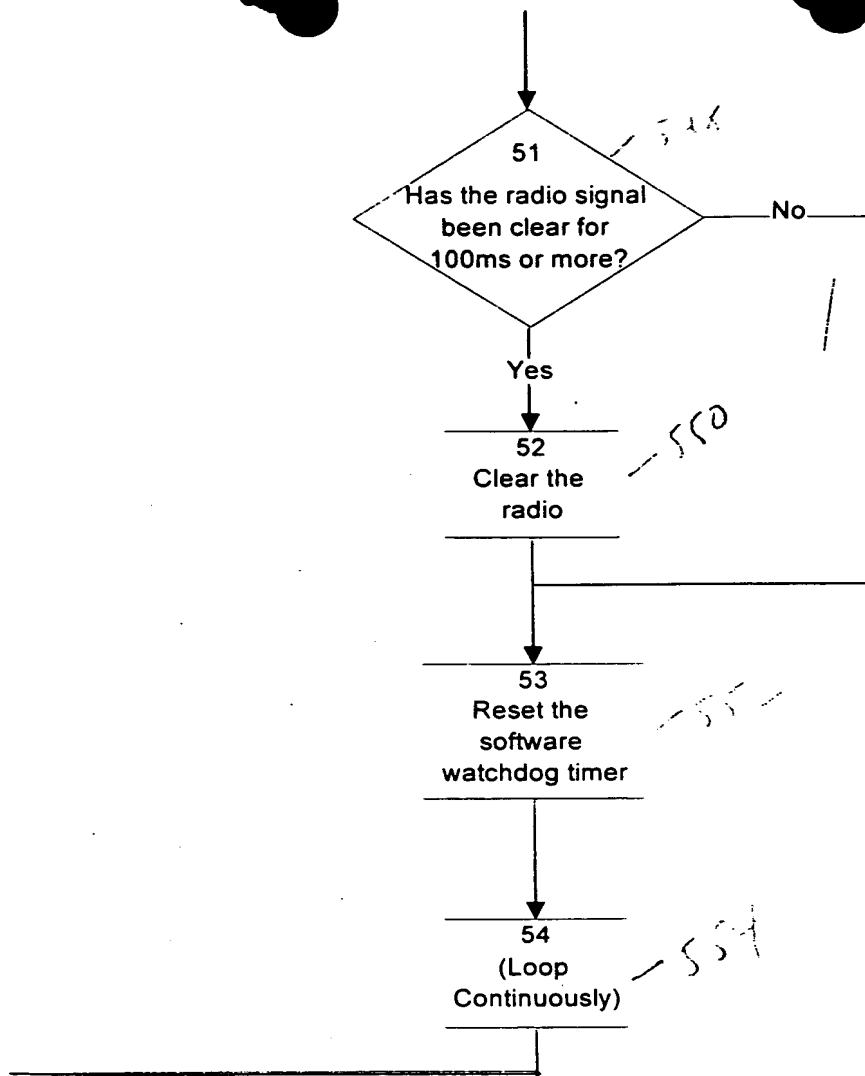


Fig. 7 H

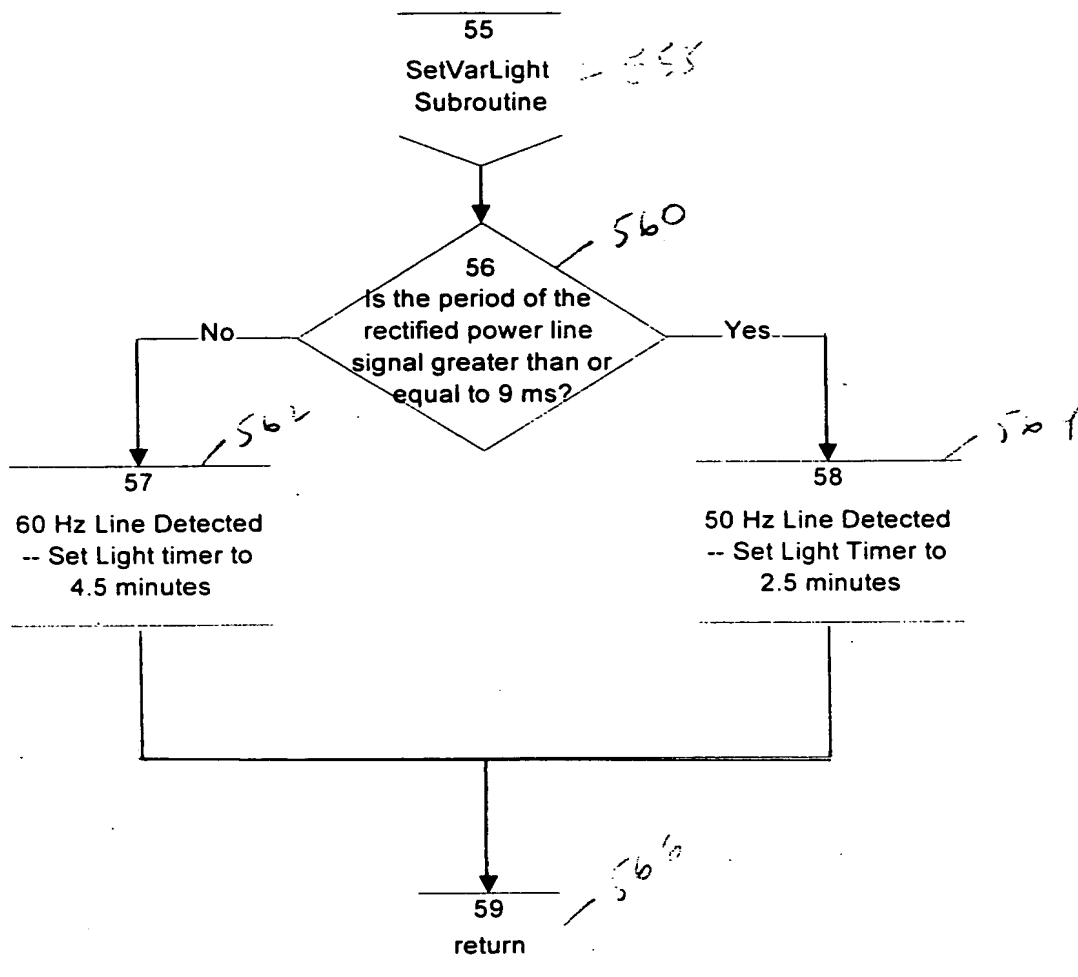


Fig. 8

FIG. 9A

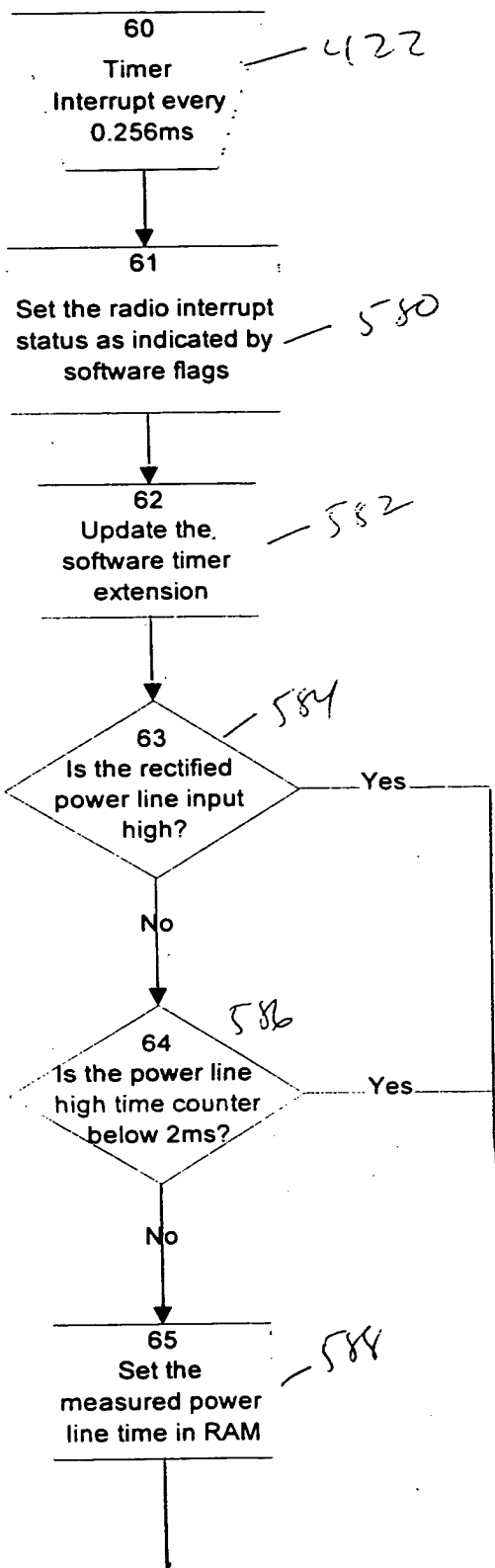


Fig. 9A

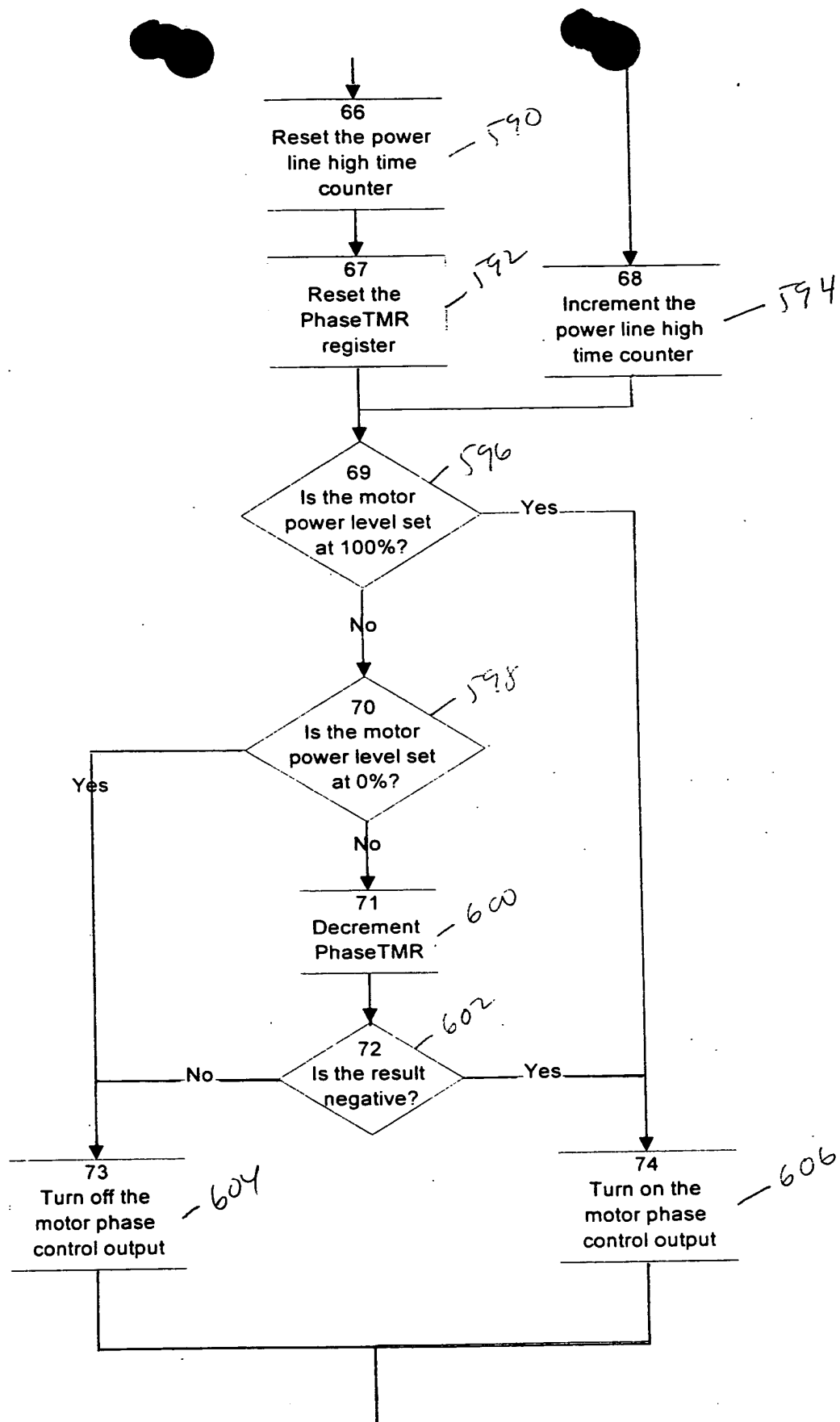


Fig. 9B

FIG. 9C

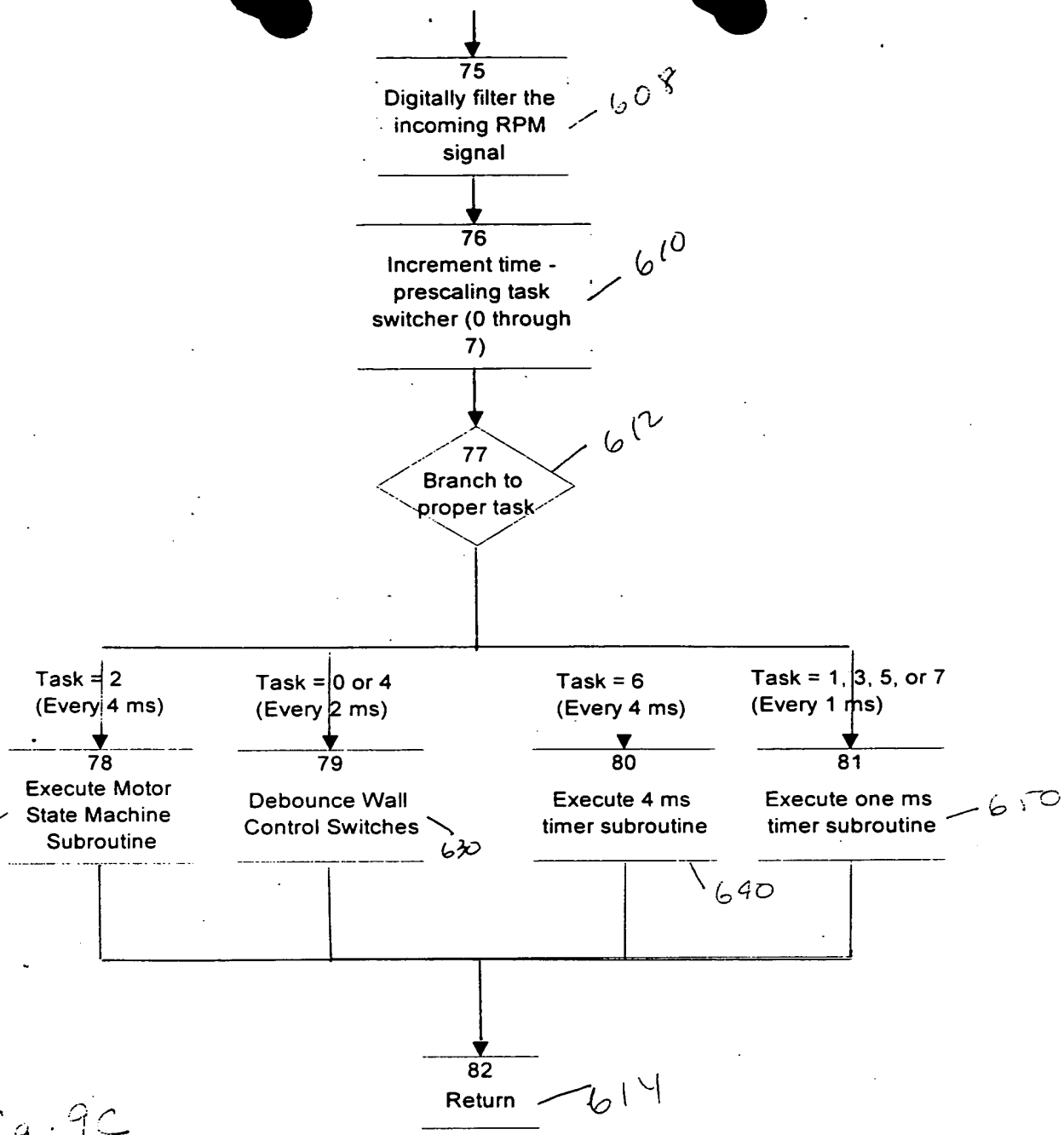


Fig. 9C

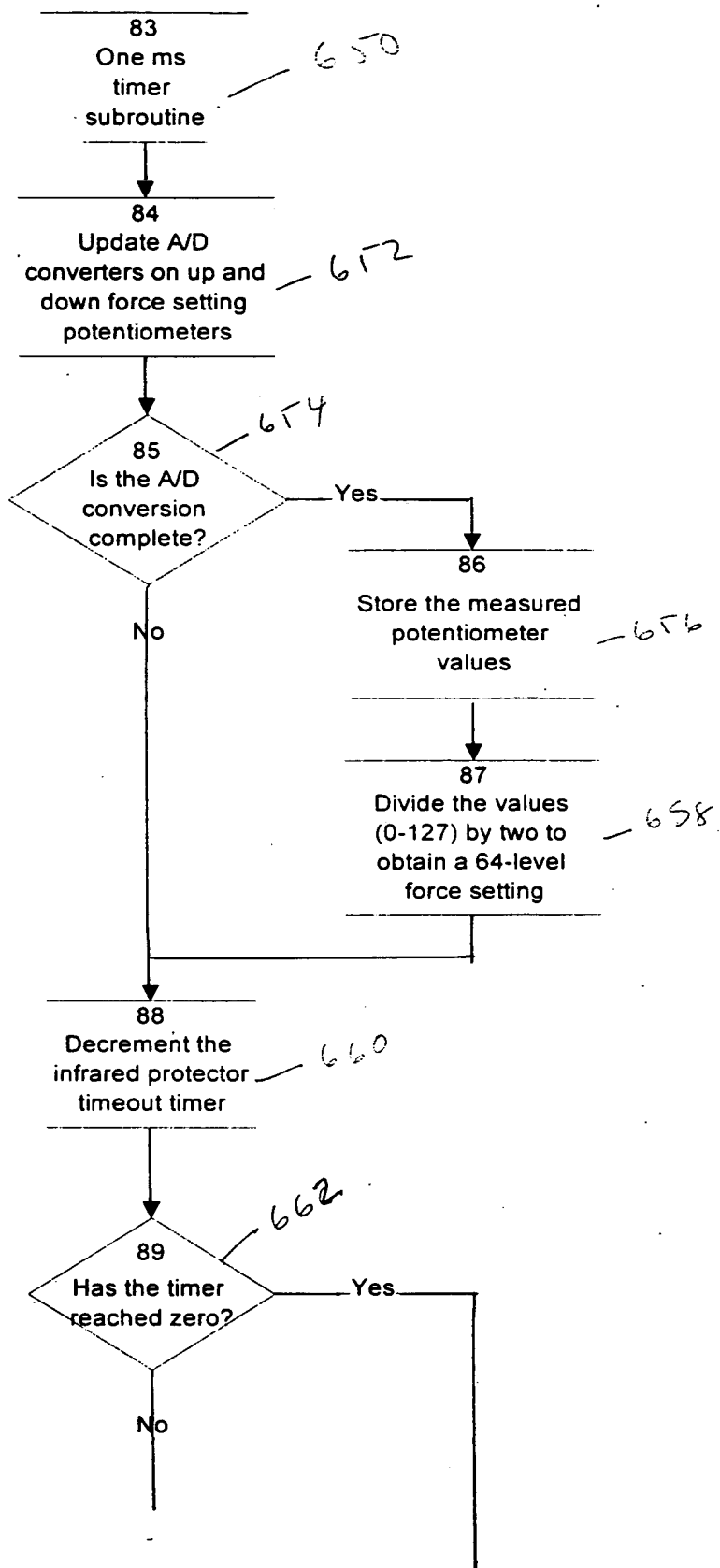
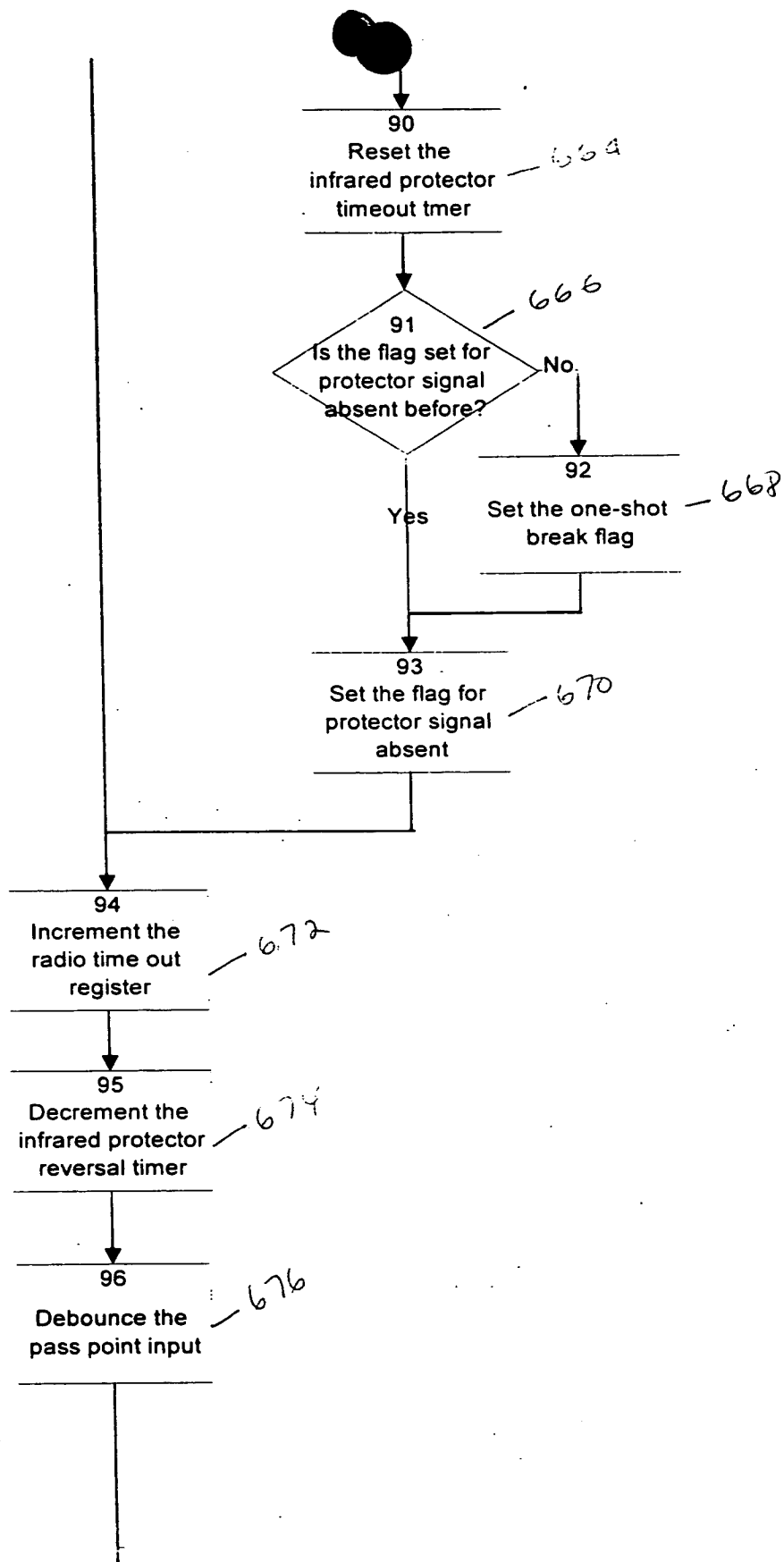


Fig. 10A

FIG. 10B

Fig. 10B



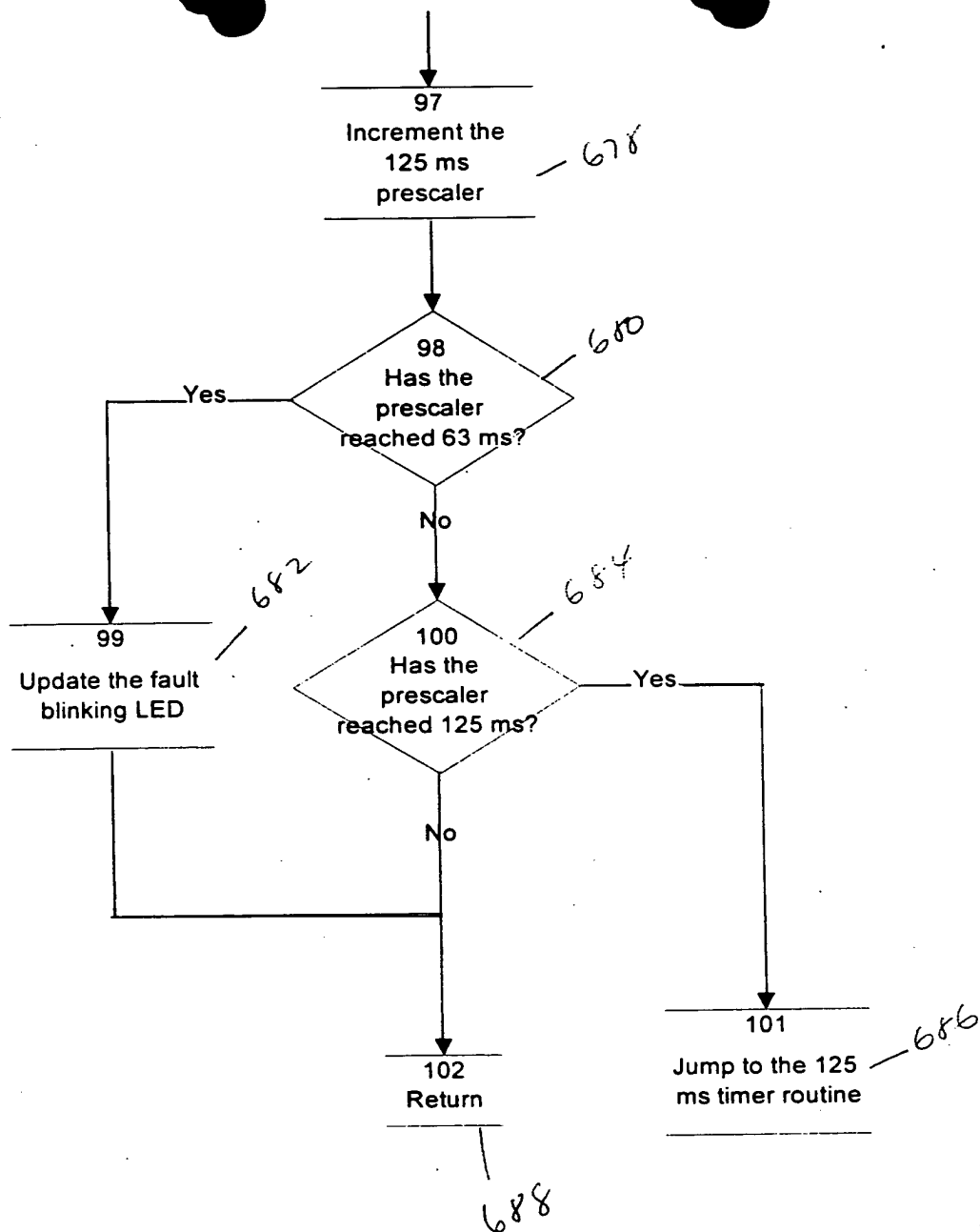
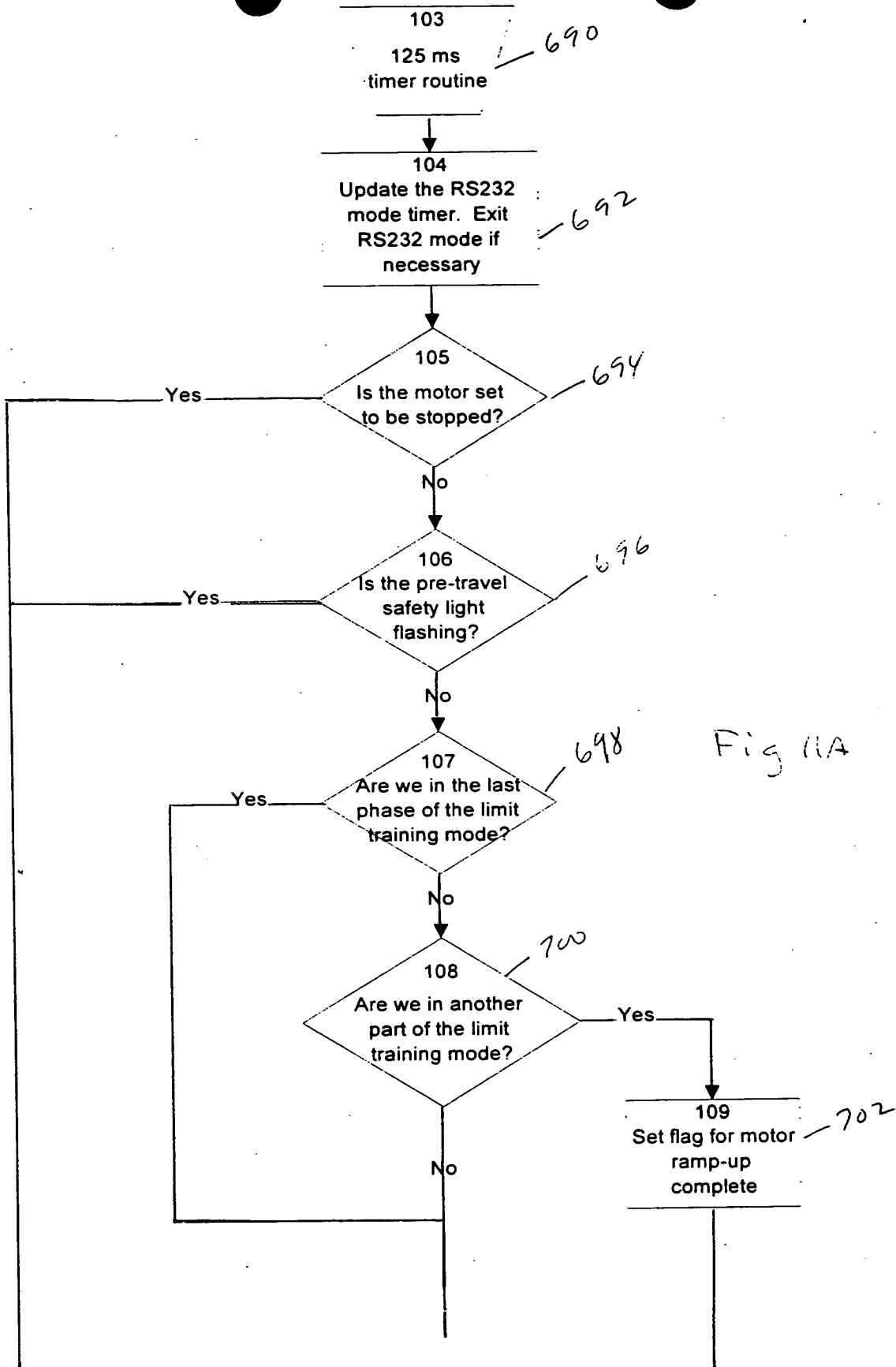
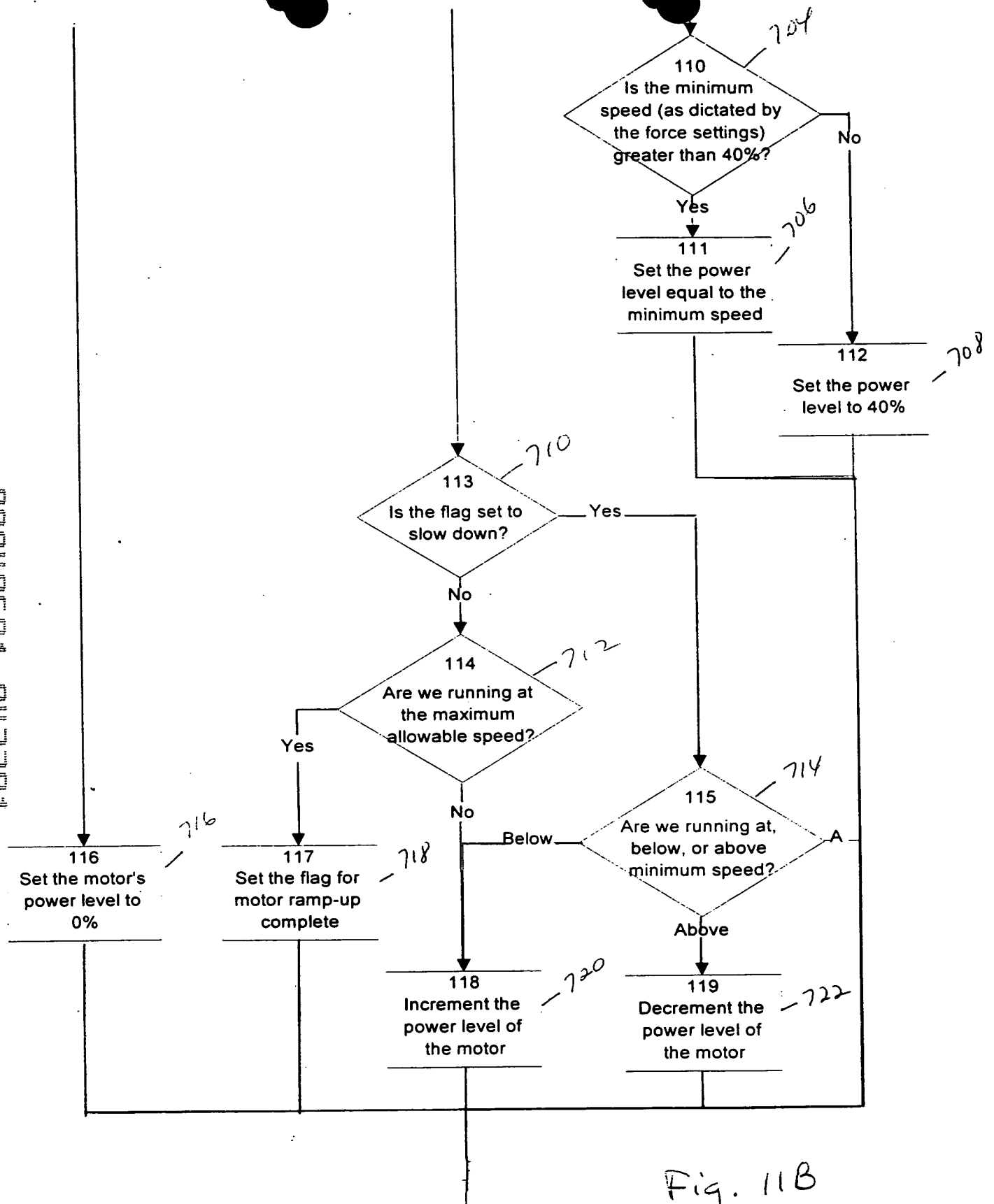


Fig. 10C

FIG. 11A





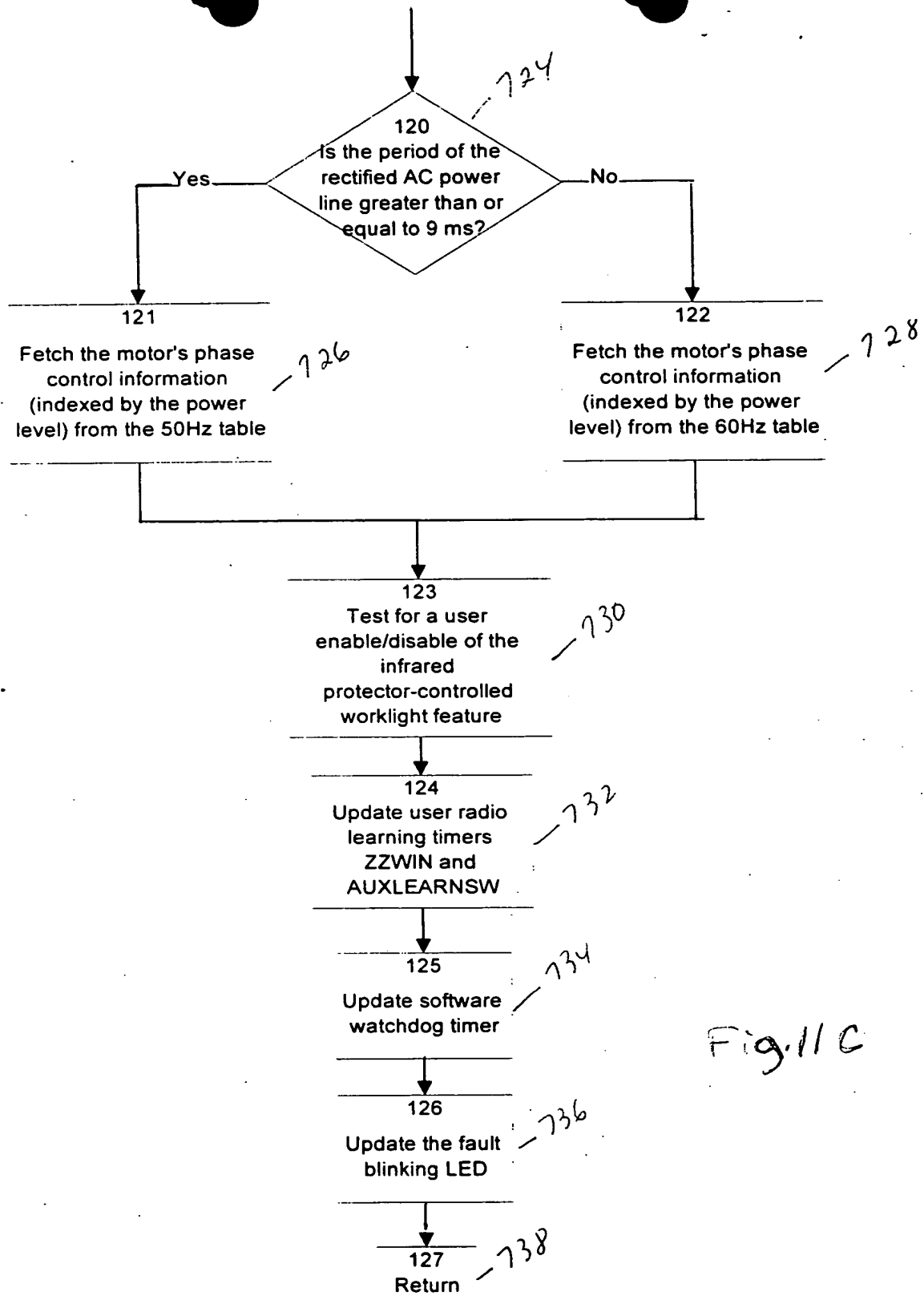
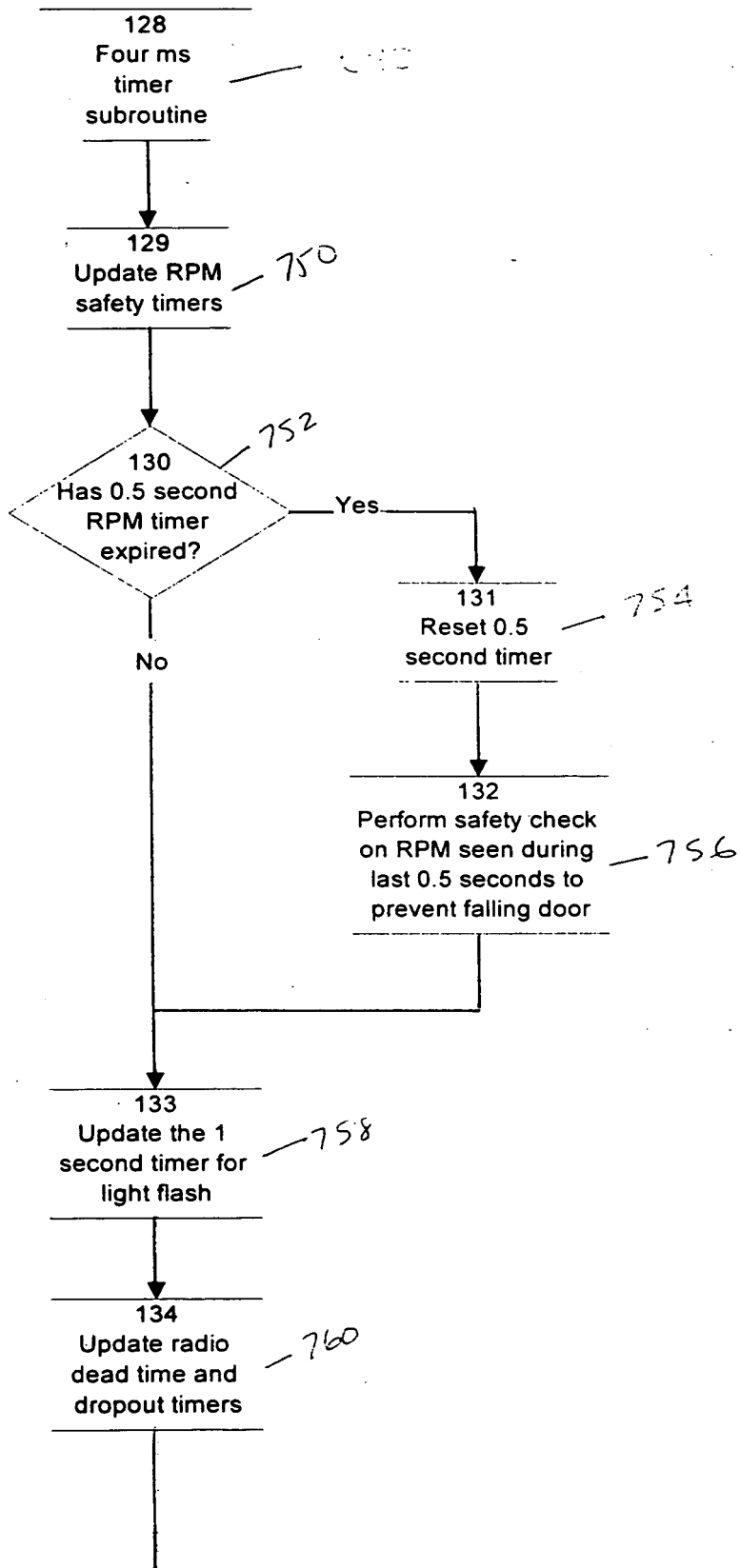


Fig. 11C

FIG. 12A

Fig. 12A



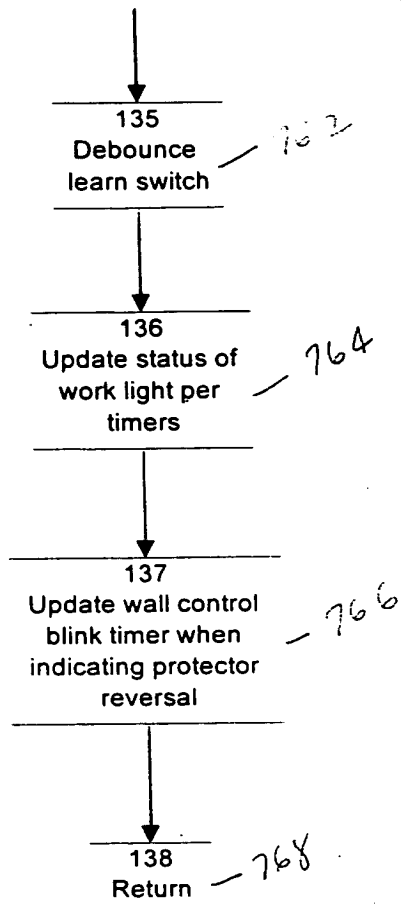


FIG. 12B

Fig. 12B

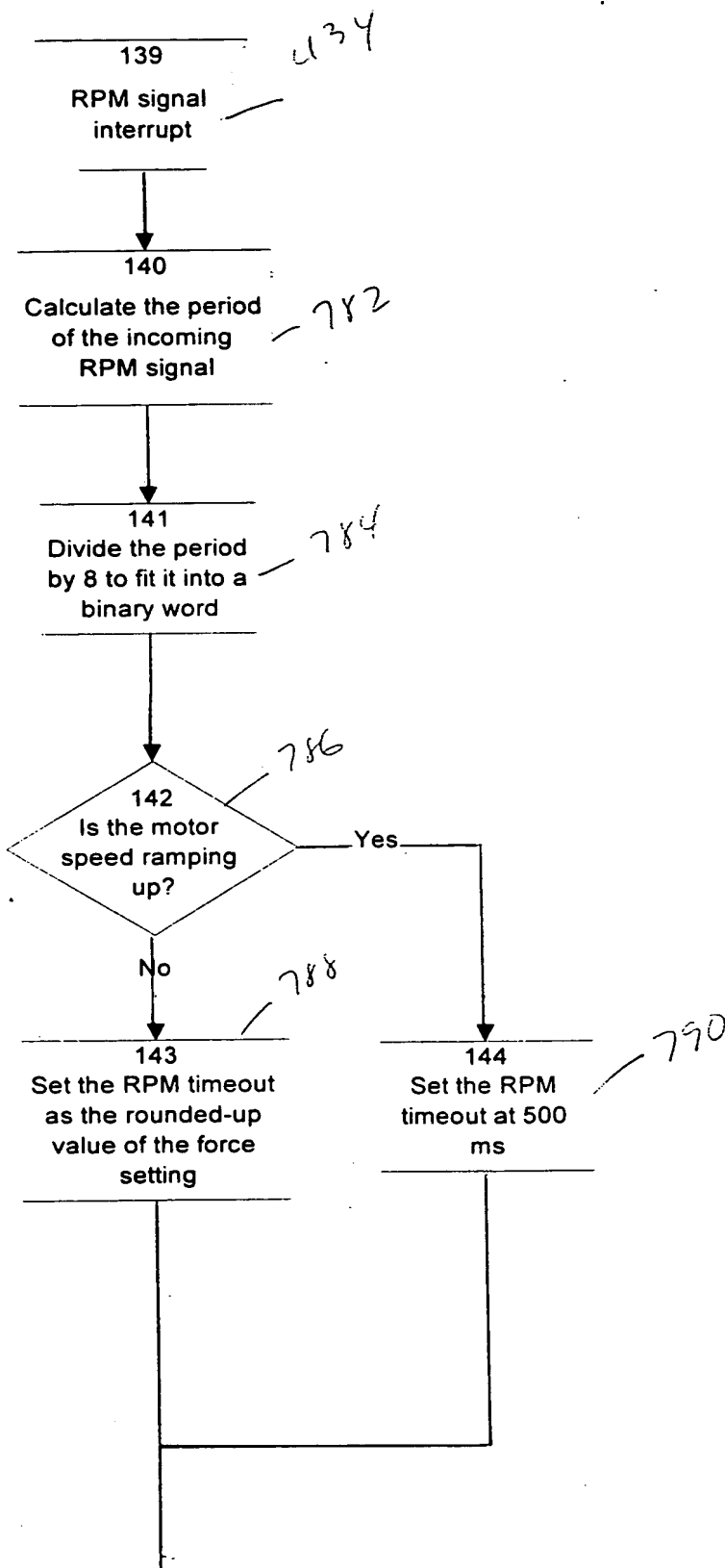


Fig. 13A

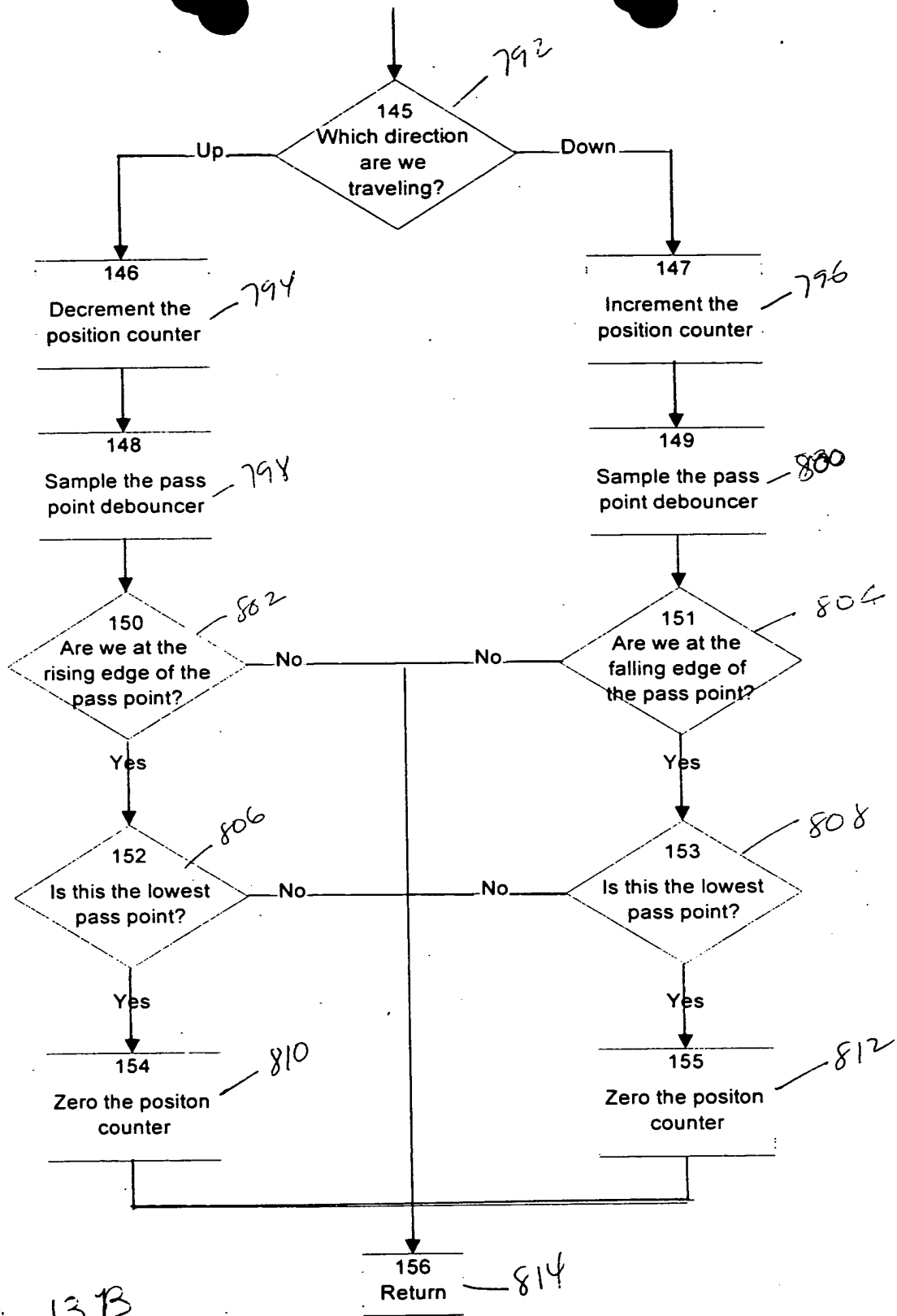


Fig. 13B

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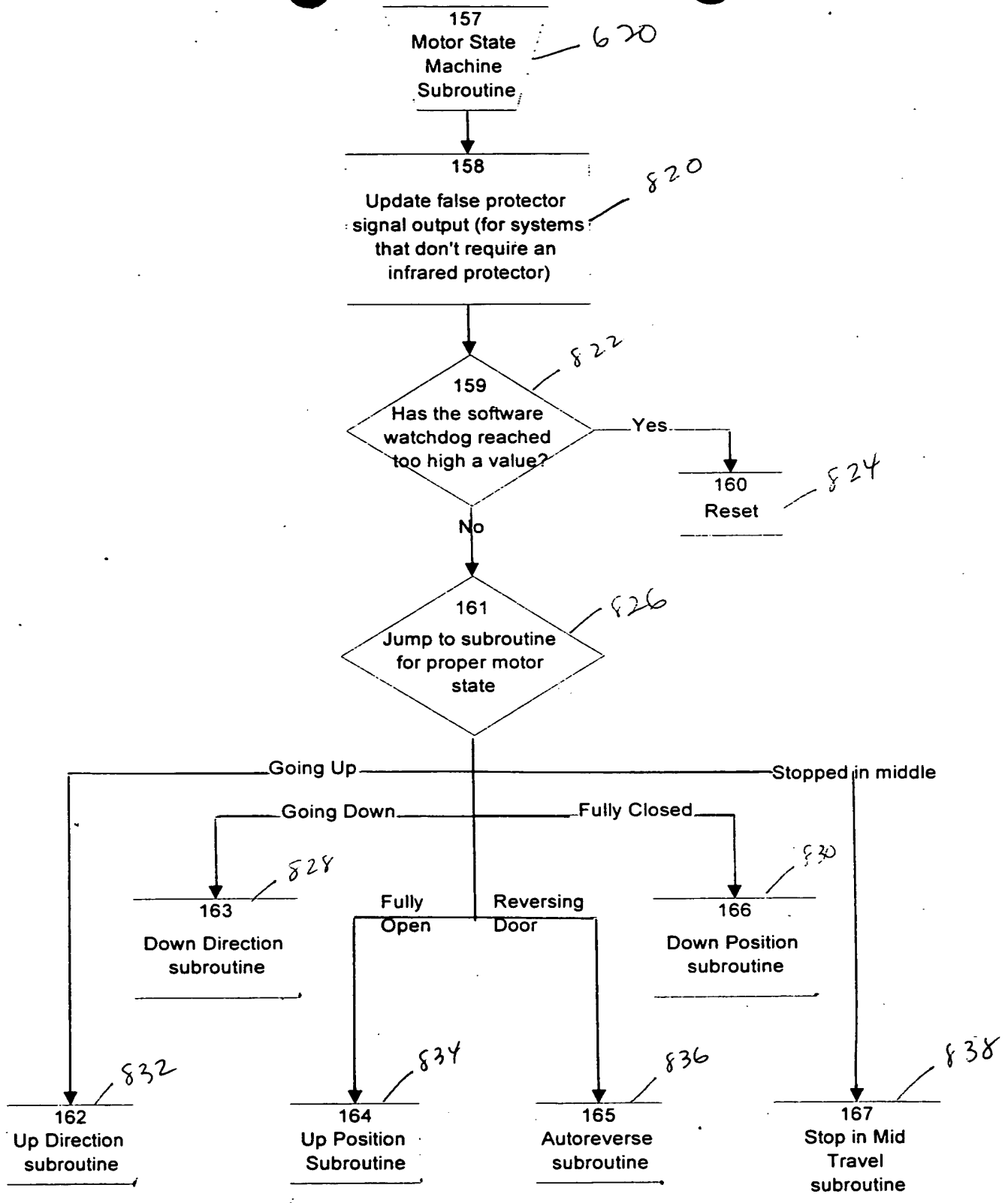


Fig. 14

FIG. 15

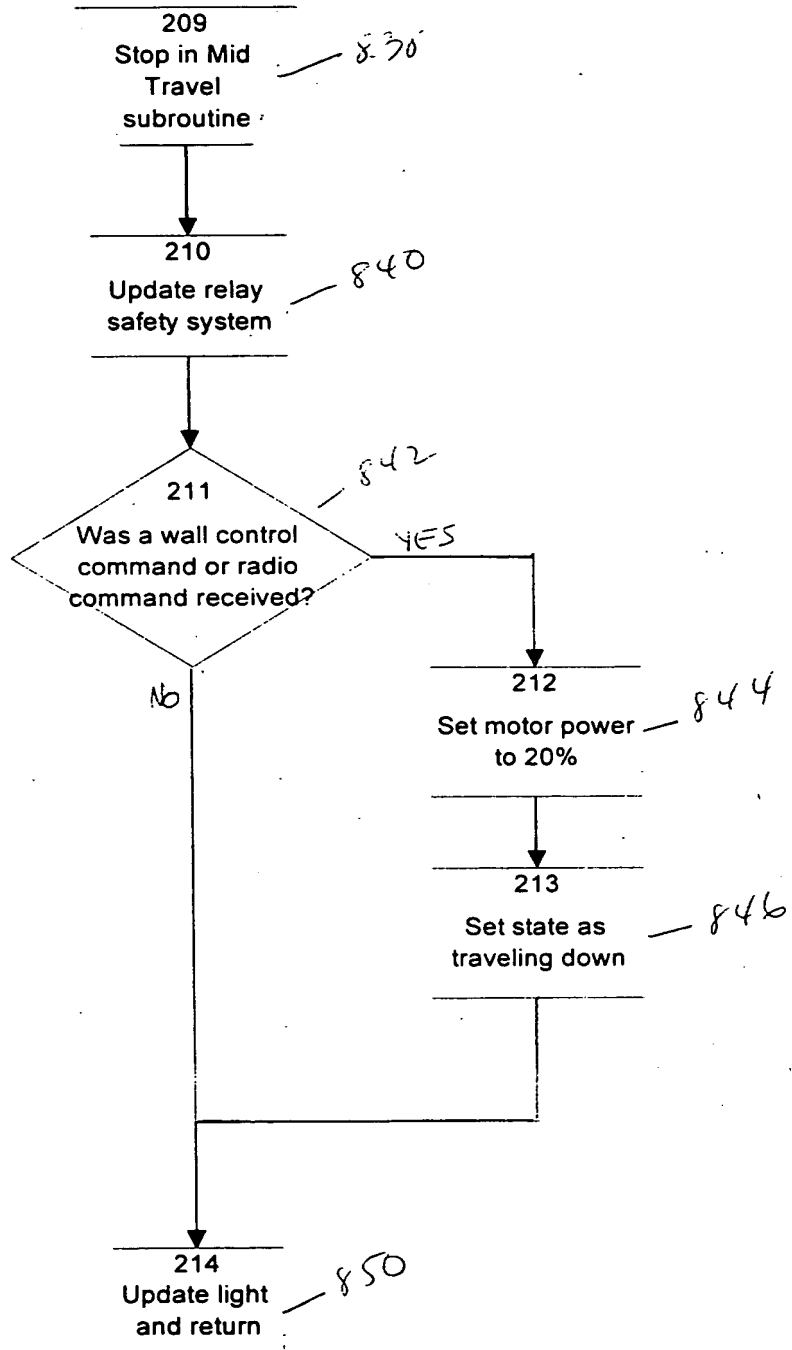


Fig. 15

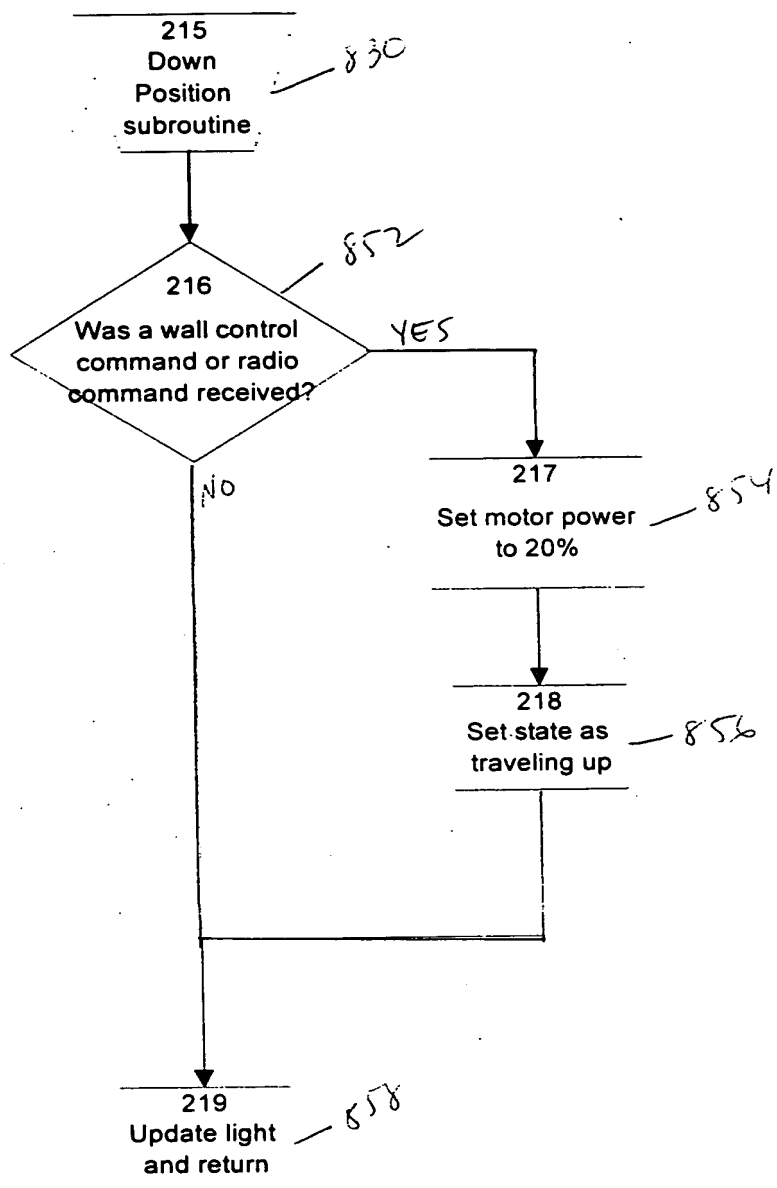
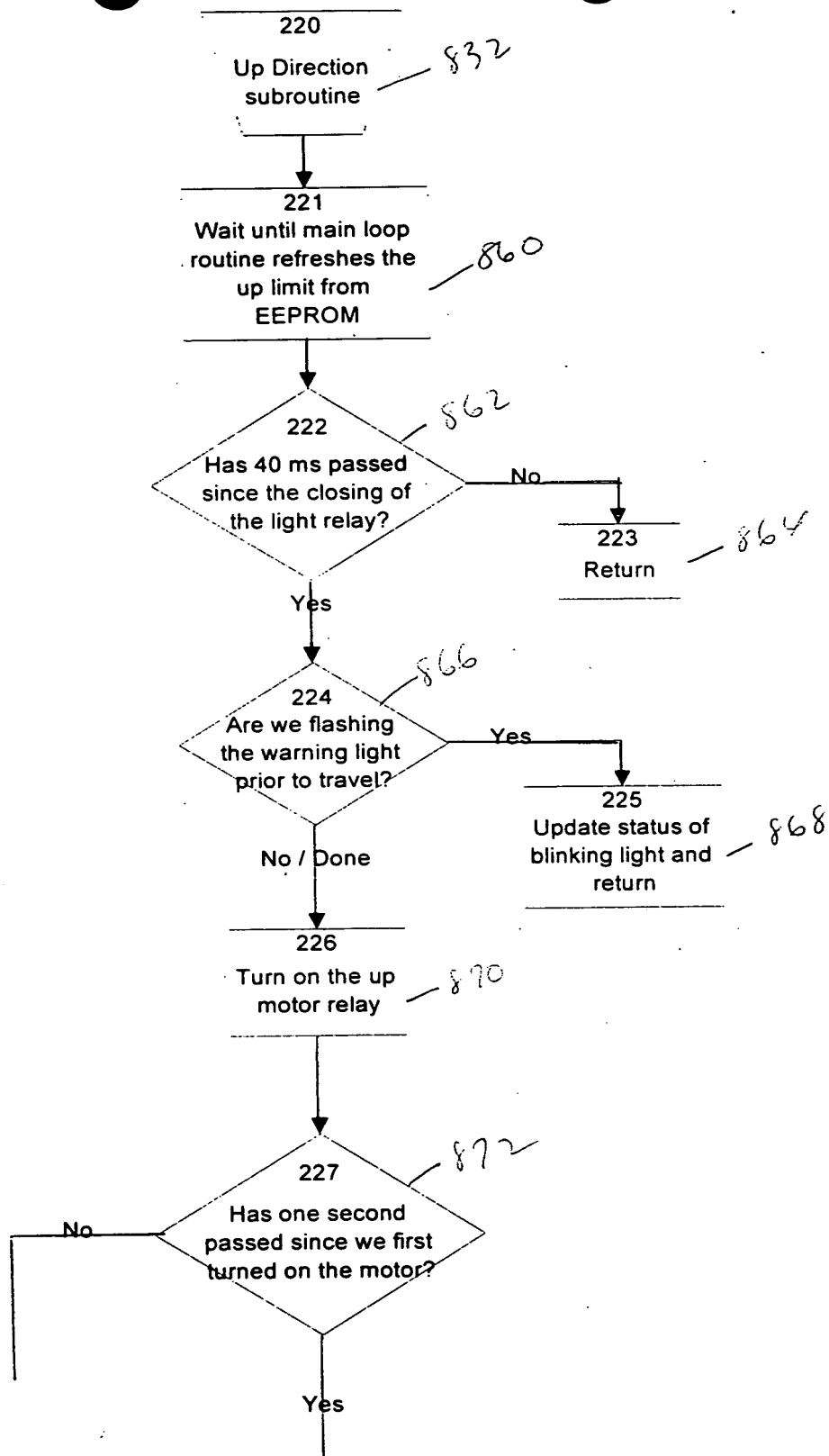
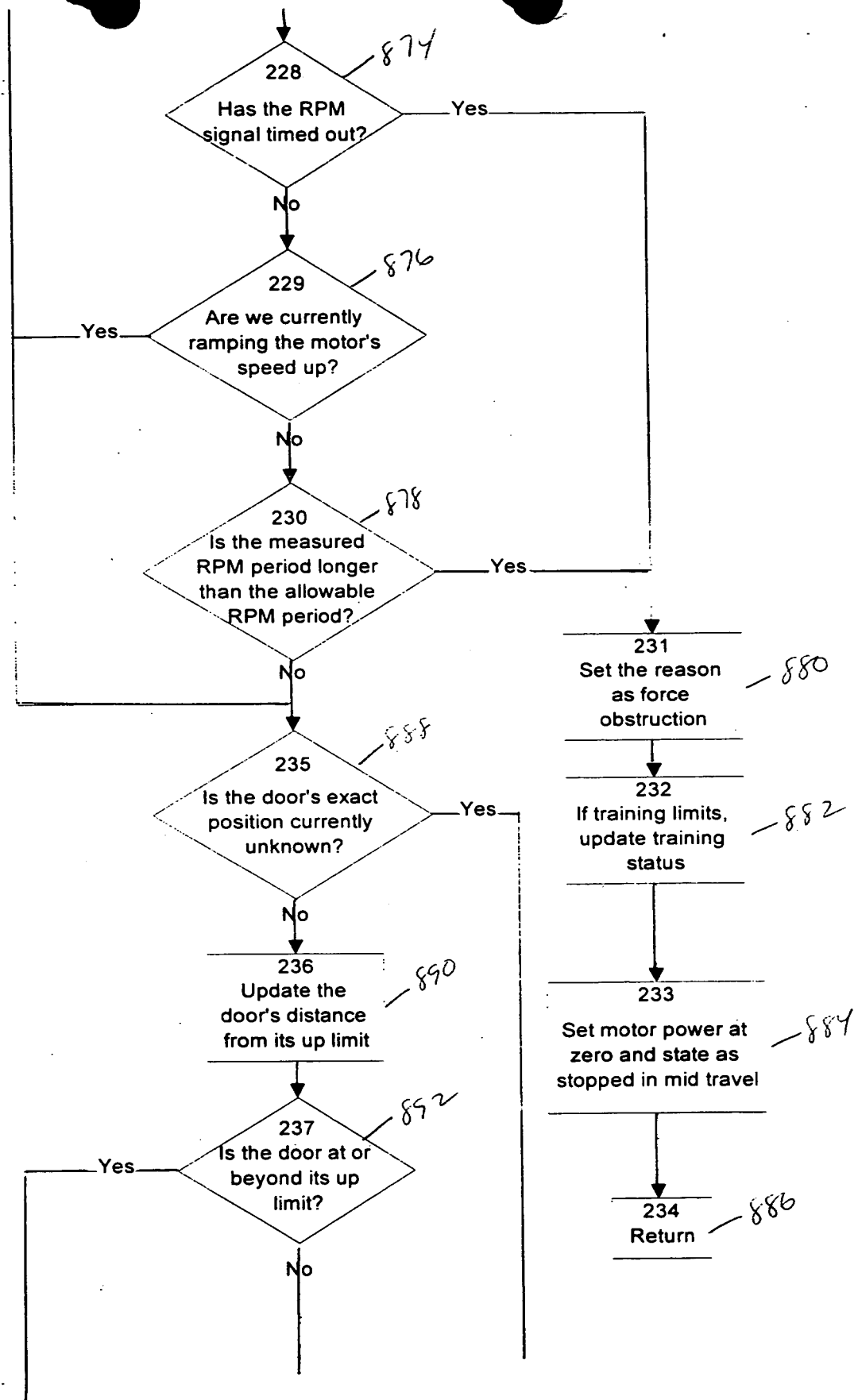
[illegible]

Fig. 16

FIG. 17A





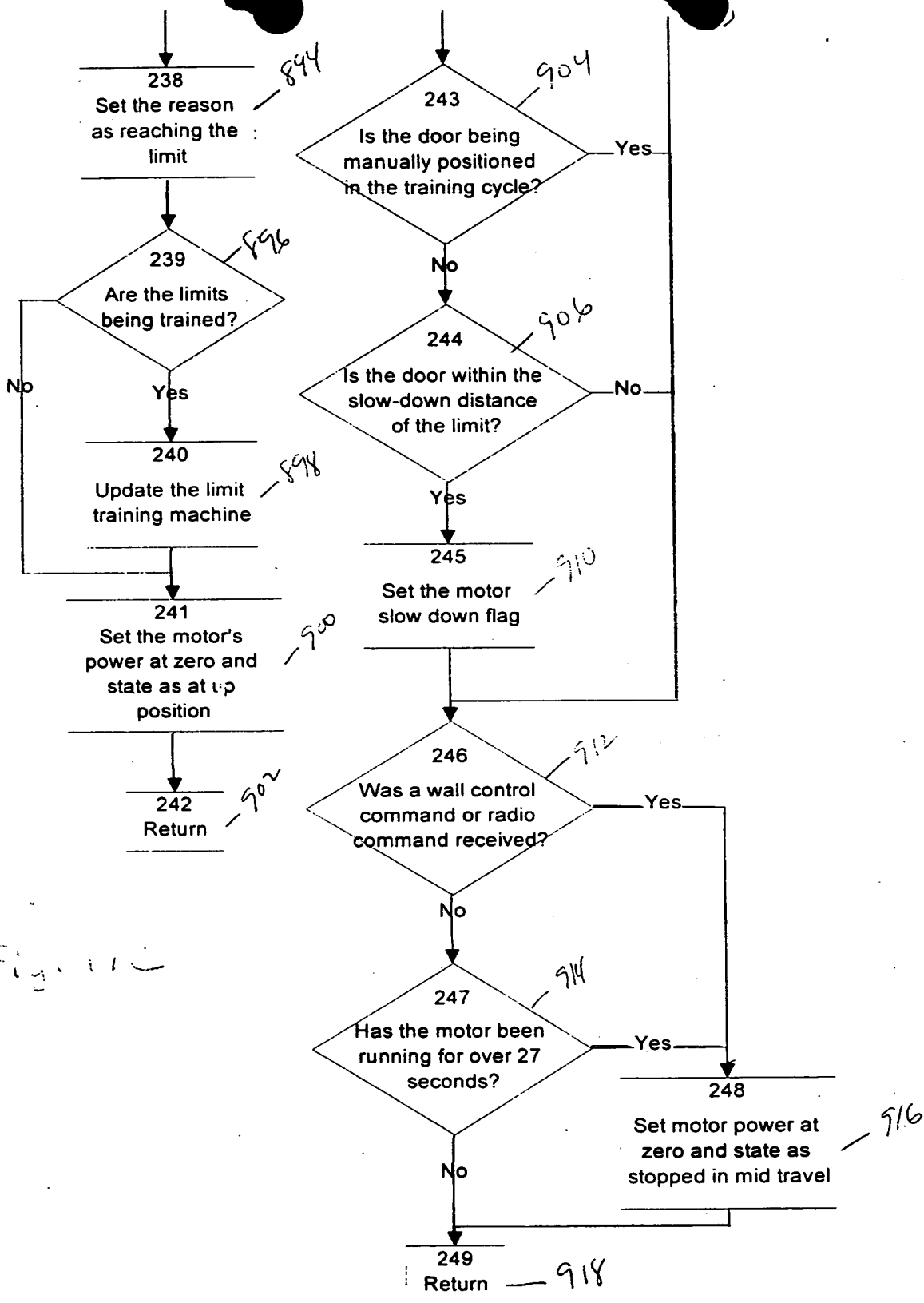


Fig. 11C

FIG. 18

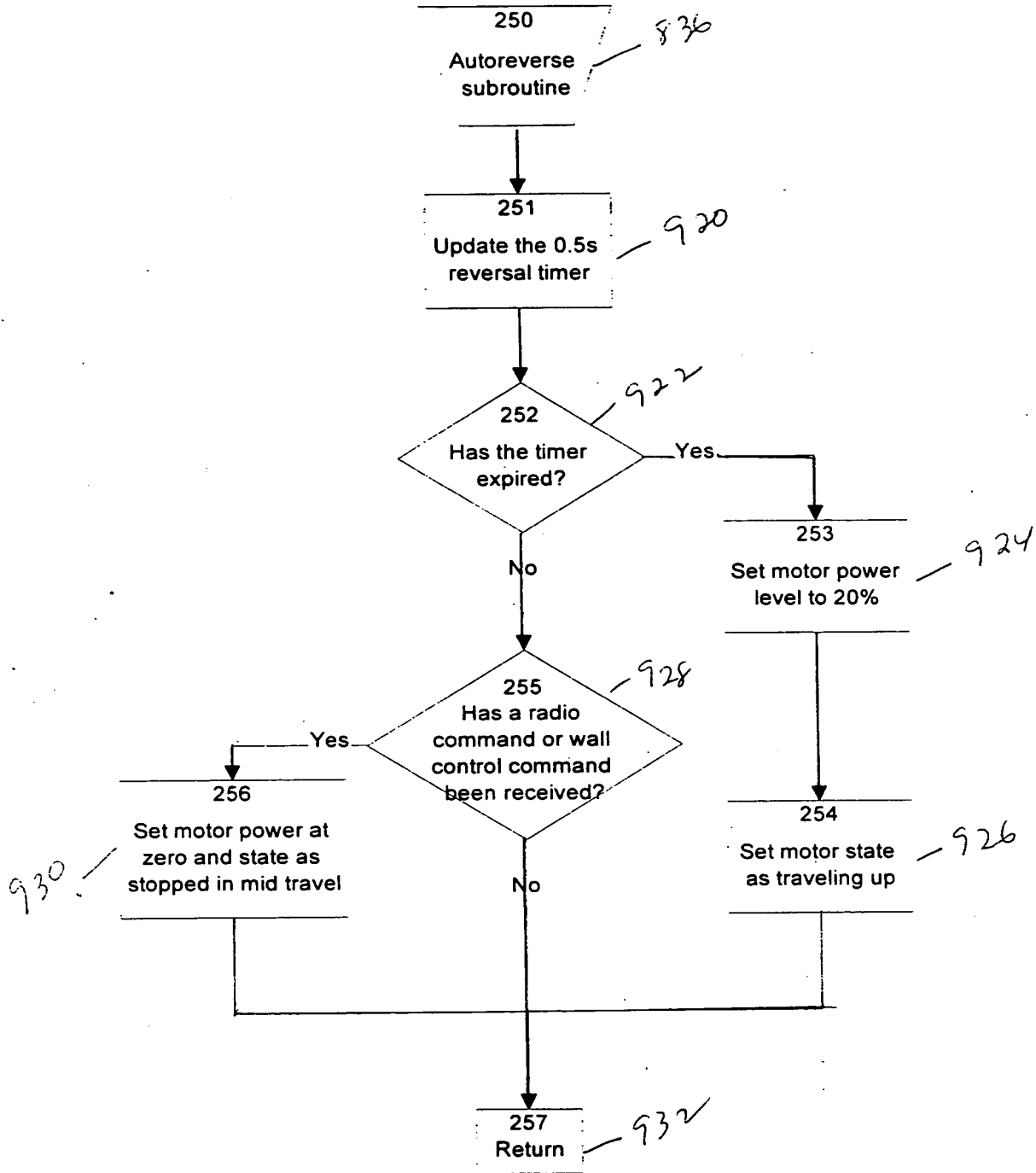


Fig. 18

```

graph TD
    258[258  
Up Position  
subroutine] --> 259[259  
Update relay  
safety system]
    259 --> 260{260  
Was a wall control  
command or radio  
command received?}
    260 -- Yes --> 261[261  
Set motor  
power to 20%]
    261 --> 262[262  
Set state as  
traveling down]
    260 -- No --> 263{263  
Are we training  
the limits?}
    263 -- Yes --> 264[264  
Update the limit  
training state  
machine]
    264 --> 265{265  
Is it time to  
travel down?}
    265 -- Yes --> 266[266  
Set state as  
traveling down]
    265 -- No --> 267[267  
Update light  
and return]
    262 --> 267
    266 --> 267
    267 --> 267

```

Fig. 17

```

graph TD
    168[168  
Down  
Direction  
subroutine] --> 169[169  
Wait until main loop  
routine refreshes the  
down limit from  
EEPROM]
    169 --> 170{170  
Has 40 ms passed  
since the closing of  
the light relay?}
    170 -- No --> 171[171  
Return]
    170 -- Yes --> 172{172  
Are we flashing  
the warning light  
prior to travel?}
    172 -- Yes --> 173[173  
Update status of  
blinking light and  
return]
    172 -- No / Done --> 174[174  
Turn on the  
down motor  
relay]
    174 --> 175{175  
Has one second  
passed since we first  
turned on the motor?}
    175 -- No --> 175
    175 -- Yes --> 175

```

Fig. 20A

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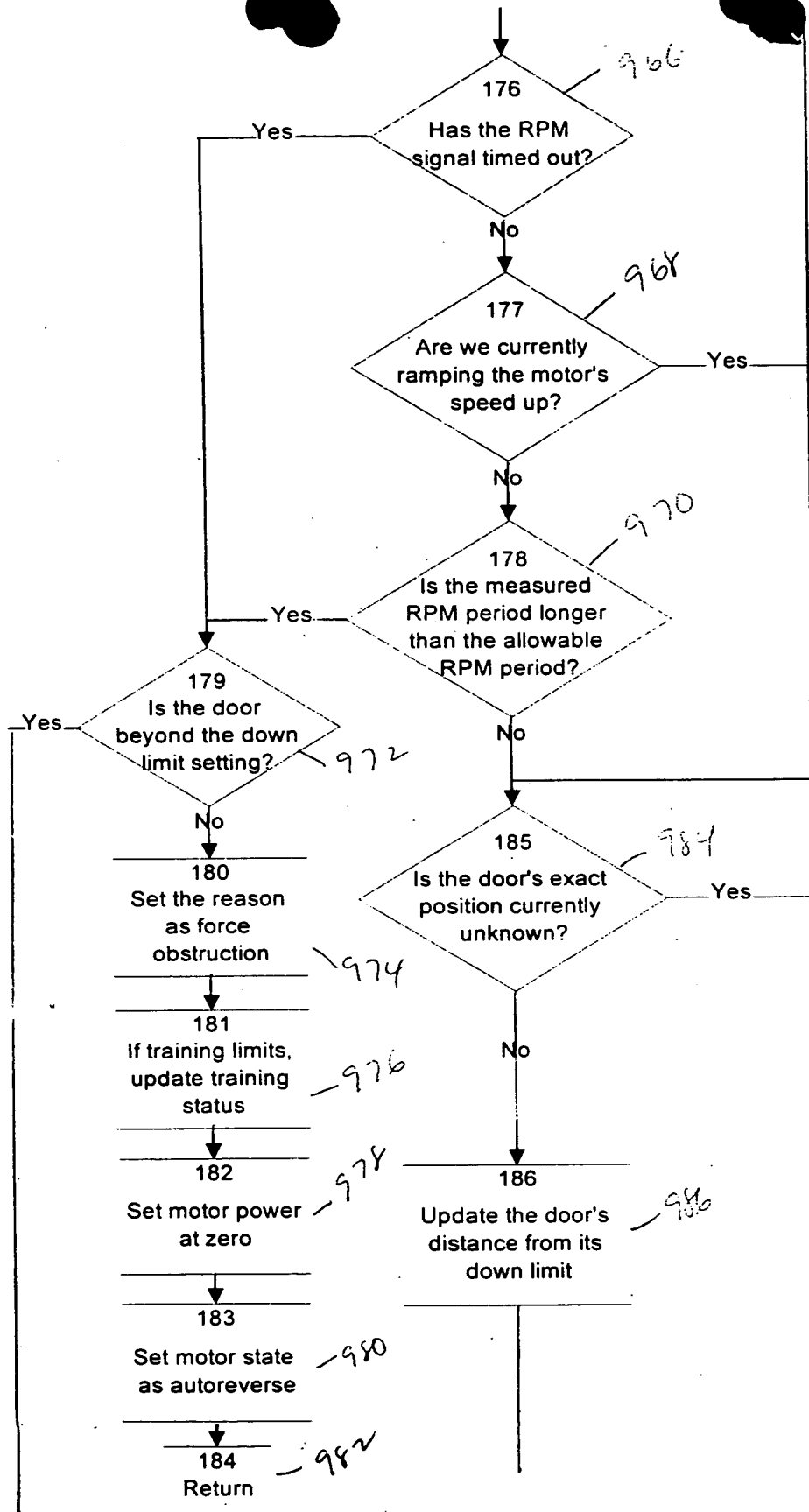


Fig. 20B

FIG. 20C

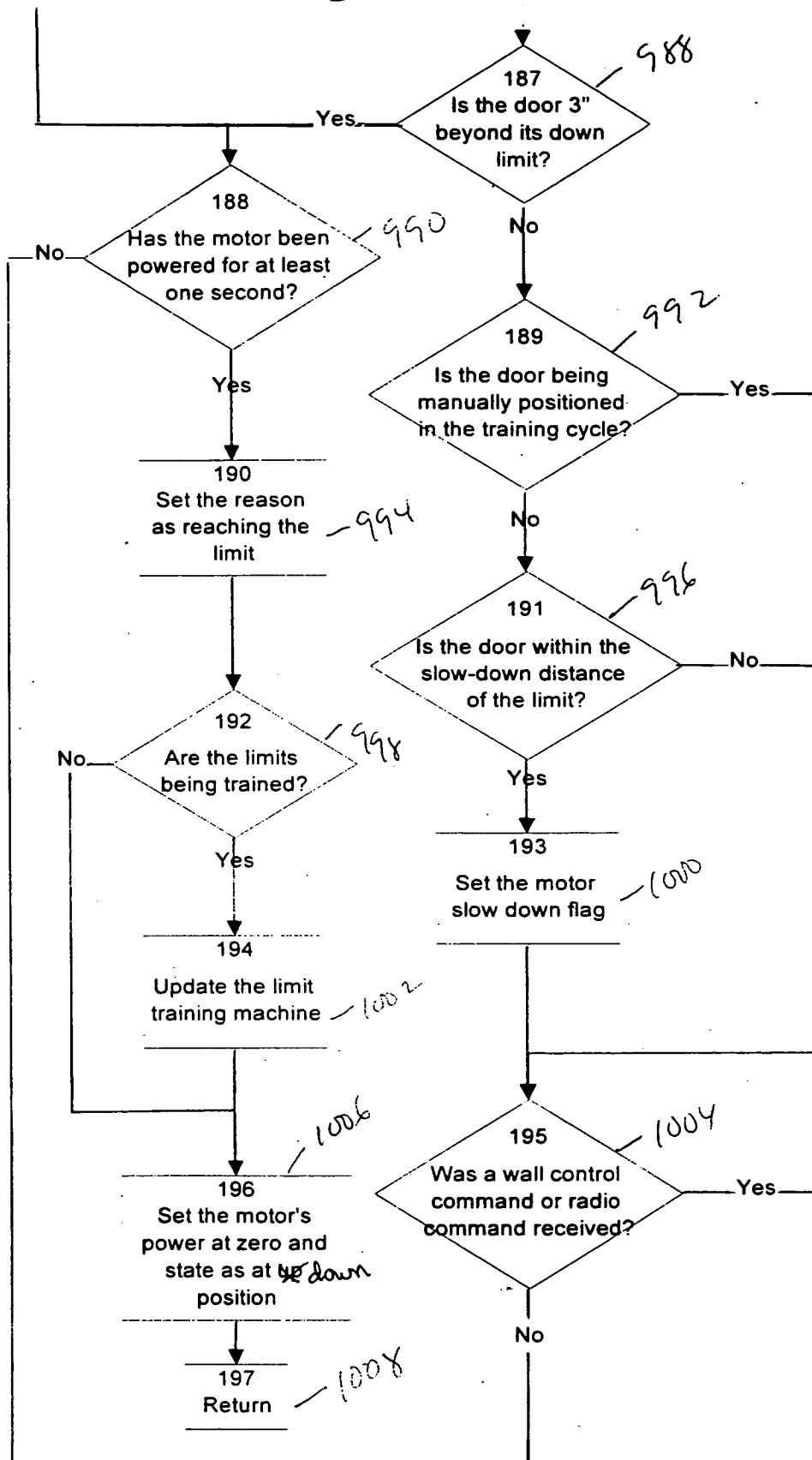


Fig. 20C

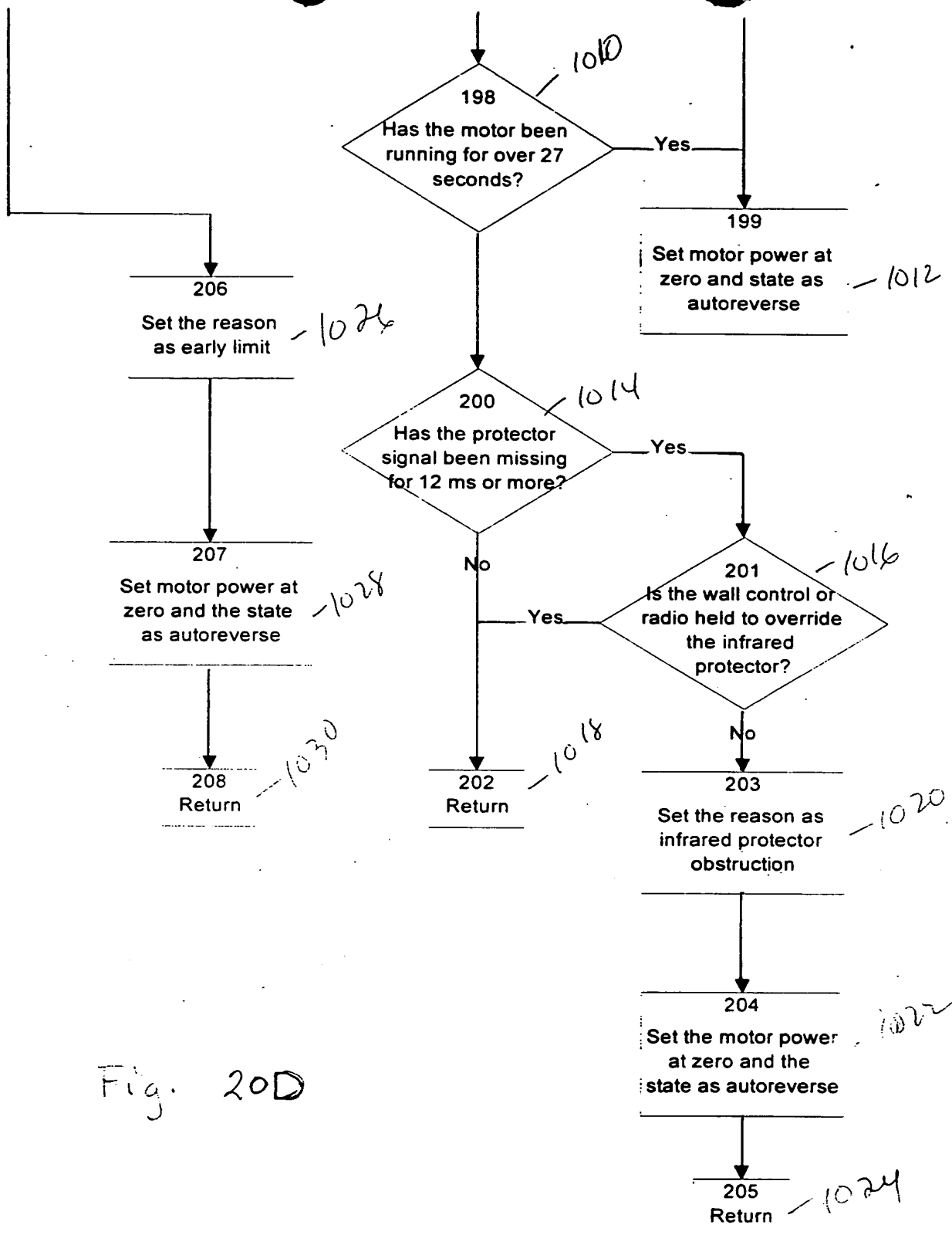
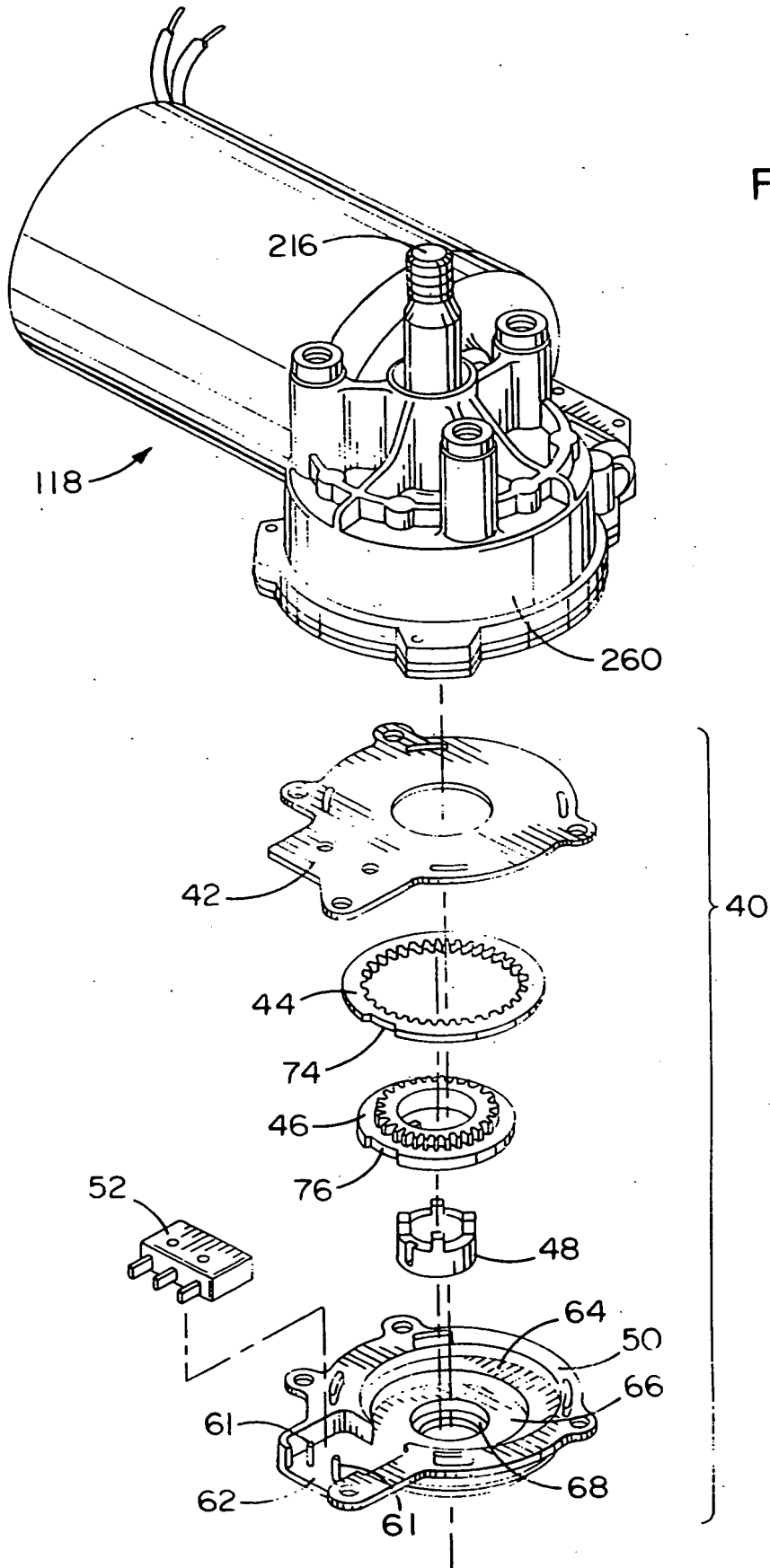


Fig. 20D

FIG. 21



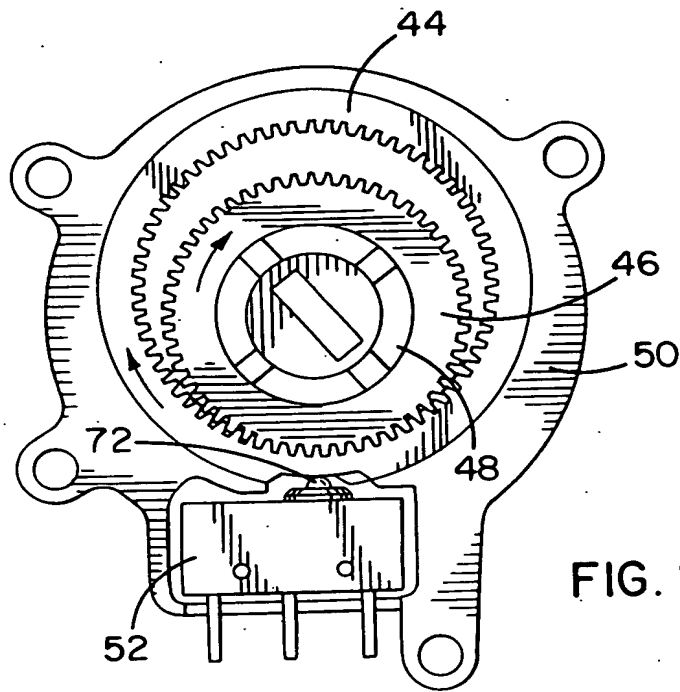


FIG. 22A

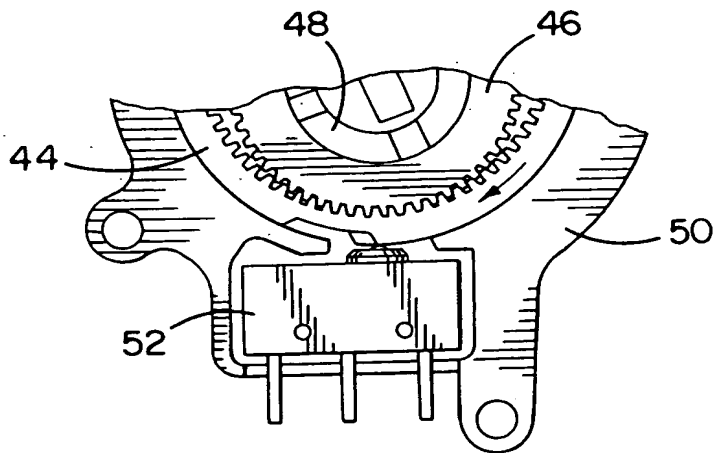


FIG. 22B